Haraberiush
Ivan

DOI: <https://doi.org/10.32353/acfs.3.2021.10>
UDC : 351.74

Ivan Haraberiush,

Doctor of Law, Associate Professor at the Law and Public Administration Department of Mariupol State University, Mariupol, Ukraine.
ORCID: <https://orcid.org/0000-0002-4968-5421>
e-mail: hif52.04@gmail.com

Concept and System of Impact Munitions Used in Law Enforcement

Funding

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Disclaimer

The funder had no role in the study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Contributors

The author contributed solely to the intellectual discussion underlying this paper, case-law exploration, writing and editing, and accept responsibility for the content and interpretation.

Declaration of Competing Interest

The author declare that they have no conflict of interest.

This article examines importance of impact munition based on new conceptual ideas related to humanization of forms and methods of law enforcement. It is emphasized that in implementation of public safety and the order of law enforcement agencies should meet requirements of the rule of law whereby human, his rights and freedoms are recognized as the highest values and determine the content and direction of the state and its legal institutions. It is emphasized that use of specific means contributes to implementation of this principle by creating opportunities to avoid injuries and casualties by law enforcement officers, ordinary citizens and among offenders directly. It is noted that specific means should be considered as protection means and separated from non-lethal weapons. Definition of specific protection means is given. The system of specialized protective equipment is considered because of a conceptual position: specialized protective equipment of law enforcement agencies is a basic concept and consists of subsystems that have their own structure. Place of specialized protective equipment in the system of specialized machinery of law enforcement agencies is determined. System of specialized protective equipment of and branches of these means are structured considering purpose of special means and tactical and technical features of their application in law enforcement activity.

Keywords: impact munitions, protection, concept, law enforcement, system, branches.

Introduction. Modern activity of law enforcement agencies is based on new conceptual ideas related to humanization of forms and methods of work. For example, in Art. 2 of the Law of Ukraine: *On the National Police* the tasks of police are to provide police services in the areas of:

- ensuring public safety and order;
- protection of human rights and freedoms, as well as the interests of society and the state;
- crime counteraction;
- provision of services within statutory framework for assistance to persons who need such assistance for personal, economic, social reasons or because of emergencies.

For achieving these goals, law enforcement officers have right to apply to persons who violate the established legal prohibitions, means of coercion that are in the service of relevant authorities.

At the same time, in current conditions of domestic political tension in Ukrainian society, ensuring public safety and order becomes the most important. Features of this process must meet the requirements of the rule of law: fundamental principle of law enforcement, whereby human, his rights and

freedoms are recognized as the highest values and determine the content and direction of the state of its legal institutions (Art. 6)¹.

This approach of the state to ensuring human rights and freedoms, as well as the modern specifics of law enforcement should minimize danger to life and health of others and law enforcement officers in performance of their duties and the use of coercion. This should make it possible to avoid injuries and casualties both by law enforcement officers, ordinary citizens and among the offenders themselves. This is facilitated using law enforcement officers of a specialized machinery: specialized protective equipment.

Issues related to the concept and system of specialized protective equipment are still controversial in the scientific community and need to be rethought considering modern concepts of public safety and order, as well as personal safety of law enforcement participants.

Literature Review. Such scientists in their research papers paid due attention to such scientists as V. M. Baranov, M. V. Bahutskyi, Yu. V. Hnusov, V. O. Kempf, O. S. Marchenko, A. V. Movchan, V. V. Moldovan, A. Yu. Molianov, Yu. M. Onyshchenko, V. V. Selivanov and others. However, the issues of defining the concept of *specialized protective equipment* of and the system of this definition remain relevant.

Main Content Presentation. This article purpose is to determine the place of specialized protective equipment in the system of specialized machinery of law enforcement agencies in view of changes in legislation and introduction of new means of equipment, to clarify the concept of *specific protection means* and conceptually solve the problem.

The basis of our further considerations will be the following conceptual provisions:

1. specialized machinery of law enforcement agencies is a basic concept that has its own system consisting of subsystems and structure².

2. specialized protective equipment is a subsystem of one of components of the basic concept³.

In addition, we must consider that the activities of the police and other law enforcement agencies are carried out in inseparable cooperation and interaction with population, local communities and public associations on the principles of partnership and aimed at meeting their needs (paragraph 1 of Art. 11)⁴.

This approach requires a rethinking of established concepts and definitions in the system of specialized machinery of law enforcement agencies in general and specialized protective equipment.

We fully share the view that one of the most effective ways to get rid of misunderstandings in communication, research, controversy is to define the subject of discussion or definition. Although the role of definitions in clarifying and refining our thinking is important, they do not occur in discussions

I. Haraberiush

CONCEPT AND SYSTEM OF IMPACT MUNITIONS USED IN LAW ENFORCEMENT

This article examines importance of impact munition based on new conceptual ideas related to humanization of forms and methods of law enforcement. It is emphasized that in implementation of public safety and the order of law enforcement agencies should meet requirements of the rule of law whereby human, his rights and freedoms are recognized as the highest values and determine the content and direction of the state and its legal institutions. It is emphasized that use of specific means contributes to implementation of this principle by creating opportunities to avoid injuries and casualties by law enforcement officers, ordinary citizens and among offenders directly. It is noted that specific means should be considered as protection means and separated from non-lethal weapons. Definition of specific protection means is given. The system of specialized protective equipment is considered because of a conceptual position: specialized protective equipment of law enforcement agencies is a basic concept and consists of subsystems that have their own structure. Place of specialized protective equipment in the system of specialized machinery of law enforcement agencies is determined. System of specialized protective equipment of and branches of these means are structured considering purpose of special means and tactical and technical features of their application in law enforcement activity.

Keywords: impact munitions, protection, concept, law enforcement, system, branches.

I. Ф. Хараберюш

ПОНЯТТЯ І СИСТЕМА СПЕЦІАЛЬНИХ ЗАСОБІВ, ЩО ВИКОРИСТОВУЮТЬСЯ В ПРАВОХОРОННІЙ ДІЯЛЬНОСТІ

У статті на основі нових концептуальних ідей, пов'язаних із гуманізацією форм і методів роботи правоохоронних органів, розглядається значення спеціальних засобів. Наголошується, що під час реалізації громадської безпеки та порядку дії правоохоронних органів повинні відповідати

¹ Про Національну поліцію : закон від 02.07.2015 № 580-VII. Відомості Верховної Ради України. 2015. № 40–41. ст. 379.

² Див., наприклад: Хараберюш І. Ф. Спеціальна техніка в правоохоронній діяльності : навчальний посібник. Маріуполь : МарДУ, 2017. 311 с.; Хараберюш І. Ф. Спеціальна техніка правоохоронних органів як міждисциплінарна категорія юридичної науки. Часопис Національного університету «Острозька академія». Серія «Право». 2019. № 1(19) : URL: <http://lj.oa.edu.ua/articles/2019/n1/18hifkyn.pdf>; Хараберюш І. Ф. Спеціальна техніка правоохоронних органів: поняття та система. Вісник Маріупольського державного університету. Серія : Право. 2019. Вип. 17. С. 32–40.

³ Хараберюш І. Ф. Спеціальна техніка в адміністративній діяльності правоохоронних органів. Вісник Маріупольського державного університету. Серія : Право. Маріуполь : МДУ, 2020. Вип. 19. С. 42–51. DOI 10.34079/2226-3047-2020-10-19-42-51.

⁴ Про Національну поліцію : закон від 02.07.2015 № 580-VII. Відомості Верховної Ради України. 2015. № 40–41. ст. 379.

вимогам принципу верховенства права, згідно з яким людина, її права та свободи визнаються найвищими цінностями та визначають зміст і спрямованість діяльності держави та її правових інститутів. Акцентується, що використання спеціальних засобів сприяє реалізації цього принципу завдяки створенню можливостей уникнення каліцтв і жертв як з боку працівників правоохоронних органів, звичайних громадян, так і серед правопорушників безпосередньо. Зазначається, що спеціальні засоби повинні розглядатися як засоби захисту і відокремлюватися від зброї несмертельної дії. Надається визначення спеціальних засобів захисту. Система спеціальних засобів захисту розглядається на основі концептуального положення: спеціальна техніка правоохоронних органів є базовим поняттям і складається з підсистем, які мають свою структуру. Визначено місце спеціальних засобів захисту в системі спеціальної техніки правоохоронних органів. Система спеціальних засобів захисту і галузей цих засобів структуровані з урахуванням призначення спеціальних засобів і тактико-технічних особливостей їх застосування в правоохоронній діяльності.

Ключові слова: спеціальні засоби, захист, концепція, правоохоронна діяльність, система, галузі.

И. Ф. Хараберюш

ПОНЯТИЕ И СИСТЕМА СПЕЦИАЛЬНЫХ СРЕДСТВ, ИСПОЛЪЗУЕМЫХ В ПРАВООХРАНИТЕЛЬНОЙ ДЕЯТЕЛЬНОСТИ

В статье на основе новых концептуальных идей, связанных с гуманизацией форм и методов работы правоохранительных органов, рассматривается значение специальных средств. Подчеркивается, что при реализации общественной безопасности и порядка действия правоохранительных органов должны отвечать требованиям принципа верховенства права, согласно которому человек, его права и свободы признаются наивысшими ценностями, определяют содержание и направленность деятельности государства, а также его правовых институтов. Акцентируется, что использование специальных средств способствует реализации этого принципа благодаря созданию возможностей

as often as one would like and as research clarity requires. Therefore, the definition purpose is to clarify the meaning of used concepts⁵.

Let us consider and analyze some of the most characteristic definitions of impact munitions and approaches to denoting their place and role in law enforcement system:

1. In the Law of Ukraine: *On National Police*, impact munitions are considered as police coercive measures that means a set of devices, appliances and objects, specially manufactured, structurally designed and technically suitable for protecting people from various objects (including weapons), temporary (reverse) defeat of a person (offender, opponent), suppression or restriction of human will (psychological or physical) by influencing him or the objects around him, with a clear regulation of the grounds and rules of use of such means and service animals (item 3 of Art. 42)⁶. In our opinion, this is a truncated definition of impact munitions that does not fully disclose their purpose, based on the principles of law enforcement.

2. H. B. Bagutskiy defines impact munitions as technical devices and appliances, animals, chemicals approved for use in the manner prescribed by the state and used by police officers in accordance with the law in order to coerce offenders and material objects to stop illegal actions in the field of protection public order, as well as used to stop, detect, solve crimes⁷. In this definition, impact munitions are also considered as means of coercion that do not correspond to their purpose. The author also does not consider other law enforcement agencies that use these tools.

3. A. Yu. Molyanov considers that special means are technical means, substances and service animals which are in service of police and internal troops and are applied by them in the cases and the order provided by legislation intended for non-lethal action on person without harm to his health, as well as for the physical impact on material objects⁸. The author is limited, as in previous cases, only to the task of impact munitions for coercive influence on offenders and material objects without considering their protective function.

4. V. O. Voitenko, I. P. Danilov, S. S. Myronov consider impact munitions as a set of devices, appliances and gadgets and means of coercive force on offenders intended for termination of their illegal actions in the field of protection of a public order and fight against crime provided by corresponding legislative and departmental regulations and provide deprivation of persons against whom they are used, ability to take active action⁹. The authors more thoroughly considered the role and place of impact munitions in law enforcement, emphasizing them only as a means of coercion limiting real purpose of impact munitions.

5. T. I. Shapochka considers impact munitions that are in the service of the police, as a non-lethal weapon used to stop offenses with minimal harm to the health of the offender¹⁰. Here we are in solidarity with the authors, who

⁵ Молянов А. Ю. Специальные средства полиции России: к вопросу об определении понятия: административно-правовой аспект. *Административное и муниципальное право*. 2014. № 4. С. 334.

⁶ Про Національну поліцію : закон від 02.07.2015 № 580-VII. *Відомості Верховної Ради України*. 2015. № 40–41. ст. 379.

⁷ Багутский Н. В. К вопросу об определении понятий физической силы, специальных средств и огнестрельного оружия, применяемых сотрудниками полиции. *Актуальные научные исследования в современном мире*. 2018. № 5(61). С. 36.

⁸ Молянов А. Ю. Специальные средства полиции России: к вопросу об определении понятия: административно-правовой аспект. *Административное и муниципальное право*. 2014. № 4. С. 339.

⁹ Войтенко В. А., Данилов И. П., Миронов С. С. Правовые и организационно-тактические основы применения специальных средств : учебное пособие. М. : ВНИИ МВД России, 1995. С. 7.

¹⁰ Шапочка Т. І. Спеціальні засоби нелетальної дії: тенденції та перспективи. *Сучасна спеціальна техніка*. 2018. № 2(53). С. 122.

consider it impossible to apply analogy between impact munitions and non-lethal weapon that leads to terminological confusion¹¹.

To eliminate such confusion, the *specialized protective equipment* term should be used for special means used by law enforcement agencies and civic groups that perform law enforcement functions and the *non-lethal weapon* term should be used to refer to appropriate means of active use by the armed forces. This should also be reflected in legislation.

Given the conceptual provisions mentioned above, we can state (state) that the system of specialized machinery of law enforcement agencies consists of elements that contain general provisions and areas of specialized machinery of law enforcement agencies. General provisions define basic concepts, system, principles of use, tasks of specialized machinery, general characteristics of specialized machinery, techniques and methods of their application, legal regulation in solving problems of law enforcement.

Branches of specialized machinery of law enforcement agencies consist of the main directions of its use in law enforcement activities. They can be considered in relation to investigative activities (forensic equipment), operational and investigative activities (operational equipment), administrative and managerial activities (organizational equipment) by areas of use.

Management tools has its own system which branches consist of the main areas of its use in administrative activities, namely: management of law enforcement is carried out by management system, protection and public safety by safety engineering, property protection by security equipment.

Safety engineering include: specialized protective equipment, means of fixation and surveillance, search tools¹², means of road safety control¹³.

Having determined the place of special means of protection in the system of specialized machinery of law enforcement agencies, we will focus on the system of these means.

It is known that before the adoption of the Law of Ukraine: *On National Police* in Ukraine, conceptually, the system of specialized protective equipment was formed by the criterion of *appointment specialized protective equipment*: means of active defense, personal protective equipment, means of special operations, devices for opening premises seized by offenders¹⁴.

With the adoption of the Law of Ukraine: *On National Police* changed the list of types of special means that can be used by police (and other law enforcement officers) to perform their duties, namely:

- 1) rubber and plastic batons;
- 2) electroshock devices of contact and contact-remote action;
- 3) means of restricting mobility (handcuffs, nets for tying, etc.);
- 4) means equipped with tear gas and irritants;
- 5) means of forced stopping of transport;
- 6) specific marking and painting mean;
- 7) service dogs and service horses;
- 8) flashbang, devices, grenades and ammunition;
- 9) means of acoustic and microwave influence;

избежать увечий и жертв как со стороны сотрудников правоохранительных органов, обычных граждан, так и среди правонарушителей непосредственно. Отмечается, что специальные средства должны рассматриваться как средства защиты и дифференцироваться с оружием несмертельного действия. Дается определение специальных средств защиты. Система специальных средств защиты рассматривается на основе концептуального положения: специальная техника правоохранительных органов является базовым понятием и состоит из подсистем, которые имеют свою структуру. Определено место специальных средств защиты в системе специальной техники правоохранительных органов. Система специальных средств защиты и отраслей этих средств структурированы с учетом назначения специальных средств и тактико-технических особенностей их применения в правоохранительной деятельности.

Ключевые слова: специальные средства, защита, концепция, правоохранительная деятельность, система, отрасли.

I. Haraberiush

NOTION ET LE SYSTÈME DE MOYENS SPÉCIAUX UTILISÉS DANS L'APPLICATION DE LA LOI

L'article examine l'importance des outils spéciaux sur la base de nouvelles idées conceptuelles liées à l'humanisation des formes et des méthodes d'application de la loi. On a fait remarquer que dans la mise en œuvre de la sécurité publique et de l'ordre des forces de l'ordre, les forces de l'ordre doivent répondre aux exigences de l'état de droit, selon lequel l'homme, ses droits et libertés sont reconnus comme les valeurs les plus élevées et déterminent le contenu et l'orientation de l'État et de ses institutions juridiques. Il est souligné que l'utilisation de moyens spéciaux contribue à la mise en œuvre de ce principe en créant des opportunités pour éviter les blessures et les victimes de la part des agents des forces de l'ordre, des citoyens ordinaires et directement parmi les délinquants. Il est indiqué que les moyens spéciaux doivent être considérés comme des moyens de protection et séparés des armes non létales. La

¹¹ Молянов А. Ю. Международно-правовые аспекты применения специальных средств. *Полицейское право*. 2015. № 2(86). С. 165-166.

¹² Хараберіуш І. Ф. Спеціальна техніка в правоохоронній діяльності : навчальний посібник. Маріуполь : МарДУ, 2017. С. 164-206.

¹³ Керницький І. С., Шур Б. В., Хараберіуш І. Ф., Мовчан А. В., Слижук В. М. та ін. Спеціальна техніка : підручник. Львів : Львівський державний університет внутрішніх справ, 2010. С. 244-346.

¹⁴ Див., наприклад: Хараберіуш І. Ф. Спеціальна техніка в органах внутрішніх справ : навчальний посібник. Донецьк : ДЮІ МВС України, 2013.; Мовчан А. В., Мовчан М. А. Отдельные аспекты классификации специальных средств обеспечения общественного порядка. *Вестник Академии МВД Республики Беларусь*. 2016. № 2 (32). С. 228-229.

définition des moyens spéciaux de protection est donnée. Le système des moyens spéciaux de protection est envisagé sur la base d'une position conceptuelle: l'équipement spécial des services répressifs est un concept de base et se compose de sous-systèmes qui ont leur propre structure. La place des moyens spéciaux de protection dans le système d'équipement spécial des forces de l'ordre est déterminée. Le système des moyens spéciaux de protection et les branches de ces moyens sont structurés en tenant compte de la finalité des moyens spéciaux et des caractéristiques tactiques et techniques de leur application dans les activités de police.

Mots-clés: moyens spéciaux, protection, concept, application de loi, système, industries.

I. Haraberiush

DAS KONZEPT UND SYSTEM DER SPEZIELLEN MITTEL, DIE BEI DER STRAFVERFOLGUNGSAKTIVITÄTEN VERWENDET WERDEN

Der Artikel untersucht die Bedeutung von Spezialwerkzeugen anhand neuer konzeptioneller Ideen zur Humanisierung von Formen und Methoden der Arbeit von Strafverfolgungsbehörden. Es wird betont, dass das Handeln von Strafverfolgungsbehörden bei der Realisierung der öffentlichen Sicherheit und der Ordnung den Anforderungen vom Prinzip der Rule of Law entsprechen muss, wonach eine Person, ihre Rechte und Freiheiten als die höchsten Werte anerkannt werden und Inhalt und Richtung der Aktivität des Staates und seiner Rechtsinstitutionen bestimmen. Es wird betont, dass die Anwendung spezieller Mittel zur Realisierung dieses Prinzips durch die Erschaffung der Möglichkeiten beiträgt, Verletzungen und Opfer sowohl unter Strafverfolgungsbeamten, normalen Bürgern, als auch unter Straftätern direkt zu vermeiden. Es wird festgestellt, dass besondere Mittel als Schutzmittel betrachtet und von nichttödlichen Waffen getrennt werden müssen. Das System der besonderen Schutzmittel wird auf der Grundlage einer konzeptionellen Position betrachtet: die Sonderausstattung von Strafverfolgungsbehörden ist ein Grundkonzept und besteht aus Teilsystemen, die eine eigene Struktur haben. Der Bedeutung der speziellen Schutzmittel im System der speziellen Ausrüstung der Strafverfolgungsbehörden

10) devices, grenades, ammunition and small-scale explosive devices for destruction of obstacles and forced opening premises;

11) devices for firing cartridges equipped with rubber or similar in their properties non-lethal ranged weapon;

12) means equipped with safe smoke forming drugs;

13) water cannons, armored vehicles and other special vehicles (paragraph 4 of Art. 42)¹⁵.

After analyzing this list, we believe that the general approach to structuring the system can be left the same carrying out its minor modernization, considering the inclusion of impact munitions for new devices and products. The system of specialized protective equipment after considering peculiarities of the application of each means, looks like this:

1. Specific means of active defense:

- means equipped with tear gas and irritating substances and intended for firing cartridges, equipped with rubber or similar in their properties non-lethal ranged weapon;
- rubber and plastic sticks;
- means of restricting mobility;
- electroshock devices of contact and contact-remote action.

2. specialized personal protective equipment (PPE):

- means for head protection;
- means for torso protection;
- anti-shock and armor shields;
- additional personal protective equipment: limb protection, protective gloves and shoes, eye protection, protective kits.

3. Specific means for providing special operations, blasting devices:

- means equipped with substances of lacrimal and irritating action of the increased power and safe smoke forming preparations;
- means of forced stopping of transport;
- flashbang, devices, grenades and ammunition;
- means of acoustic and microwave influence;
- devices, grenades, ammunition and small-scale explosive devices for destruction of obstacles and forced opening premises;
- devices for firing cartridges equipped with rubber or similar in their properties non-lethal ranged weapon;
- water cannons, armored vehicles and other special vehicles.

4. Specific marking and painting means.

5. Service animals: dogs, horses.

Specialized means belonging to each group also have their own system, which consists of specific products that have a specific purpose, technical characteristics and application features.

Conclusions.

Summing up, we state that special means of protection have a certain place in the system of special equipment of law enforcement agencies and can be used by various services in the performance of their duties, if it is associated with a risk to life and health.

The system of specialized protective equipment and branches of these means are structured considering purpose of impact munitions and tactical and technical features of their application in law enforcement activity.

References

Pro Natsionalnu politsiu : Zakon Ukrainy vid 02.07.2015 № 580-VII // Vidomosti Verkhovnoi Rady Ukrainy. 2015. № 40-4. st. 379. (Eng. The Law of Ukraine: On National Police No. 580-VII dated on 02.07.2015) [in Ukrainian].

¹⁵ Про Національну поліцію : закон від 02.07.2015 № 580-VII. Відомості Верховної Ради України. 2015. № 40-41. ст. 379.

- Kharaberiush, I. F. (2017) Spetsialna tekhnika v pravookhoronnii diialnosti : navchalnyi posibnyk (Eng. Specialized equipment in law-enforcement: training manual). Mariupol : MarDU. 311 s. [in Ukrainian].
- Kharaberiush, I. F. (2019) Spetsialna tekhnika pravookhoronnykh orhaniv yak mizhdystsyplinarna katehoriia yurydychnoi nauky (Eng. Specialized equipment of law enforcement agencies as an interdisciplinary category of legal science). Chasopys Natsionalnoho universytetu «Ostrozka akademiia». Seriiia «Pravo». № 1(19) : URL: <http://lj.oa.edu.ua/articles/2019/n1/18hifkyn.pdf>. [in Ukrainian].
- Kharaberiush, I. F. (2019) Spetsialna tekhnika pravookhoronnykh orhaniv: poniattia ta systema (Eng. Specialized equipment of law enforcement agencies: concept and system). Visnyk Mariupolskoho derzhavnoho universytetu. Seriiia : Pravo. Vyp. 17. P. 32–40. [in Ukrainian].
- Kharaberiush, I. F. (2020) Spetsialna tekhnika v administrativnii diialnosti pravookhoronnykh orhaniv (Eng. Specialized equipment in the administrative activity of law enforcement). Visnyk Mariupolskoho derzhavnoho universytetu. Seriiia : Pravo. Mariupol : MDU. Vyp. 19. P. 42–51. DOI 10.34079/2226-3047-2020-10-19-42-51. [in Ukrainian].
- Molyanov, A. Yu. (2014) Spetsialnyie sredstva politzii Rossii: k voprosu ob opredelenii ponyatiya: administrativno-pravovoy aspekt (Eng. Impact munitions of the Russian police: regarding the question as to definition of the concept: administrative and legal aspect). Administrativnoe i munitsipalnoe pravo. № 4. P. 333–350. DOI: 107256. / 1999 – 2807.2014.4.11368. [in Russian].
- Bagutskiy, N. V. (2018) K voprosu ob opredelenii ponyatiy fizicheskoy silyi, spetsialnykh sredstv i ognestrelnogo oruzhiya, primenyaemykh sotrudnikami politzii (Eng. On the issue of defining the concepts of physical force, impact munitions and firearms used by police officers). Aktualnyie nauchnyie issledovaniya v sovremennom mire. № 5(61). P. 34–38. [in Russian].
- Voytenko, V. A. & Danilov, I. P. & Mironov, S. S. (1995) Pravovyye i organizatsionno-takticheskie osnovy primeneniya spetsialnykh sredstv : uchebnoe posobie (Eng. Legal and organizational-tactical bases for the use of impact munitions: training manual). M. : VNII MVD Rossii. 48 p. [in Russian].
- Shapochka, T. I. (2018) Spetsialni zasoby neletalnoi dii: tendentsii ta perspektyvy (Eng. Impact munitions of non-lethal force: trends and prospects) . Suchasna spetsialna tekhnika. № 2(53). P. 120–124. [in Ukrainian].
- Molyanov, A. Yu. (2015) Mezhdunarodno-pravovyye aspekty primeneniya spetsialnykh sredstv (Eng. International and legal aspects of the use of impact munitions). Politseyskoe pravo. № 2(86). P. 161–167. DOI: 10.7256/1999-2807.2015.2.12900. [in Russian].
- Kernytskyi, I. S. & Shchur, B. V. & Kharaberiush, I. F. & Movchan, A. V. & Slyzhuk, V. M. ta in. (2010) Spetsialna tekhnika : pidruchnyk (Eng. Specialized equipment: textbook). Lviv : Lvivskiy derzhavnyi universytet vnutrishnikh sprav. 356 p. [in Ukrainian].
- Kharaberiush, I. F. (2013) Spetsialna tekhnika v orhanakh vnutrishnikh sprav: navchalnyi posibnyk (Eng. Specialized equipment in law enforcement: training manual). Donetsk: DfU MVS Ukrainy. 284 p. [in Ukrainian].
- Movchan, A. V. & Movchan, M. A. (2016) Otdelnyie aspekty klassifikatsii spetsialnykh sredstv obespecheniya obschestvennogo poriadka (Eng. Certain aspects of impact munitions classification in ensuring public order). Vestnik Akademii MVD Respubliki Belarus. № 2 (32). P. 227–231. [in Russian].

wird bestimmt. Das System der besonderen Schutzmittel und die Zweige dieser Mittel werden unter Berücksichtigung des Zwecks der speziellen Mittel und der taktischen und technischen Besonderheiten ihrer Anwendung in der Strafverfolgungstätigkeit strukturiert.

Schlüsselwörter: spezielle Mittel, Schutz, Konzeption, Strafverfolgungsaktivitäten, System, Bereiche.

Received by Editorial Board: 16.03.2021

Suggested Citation:

Kharaberiush, I., (2021). Concept and System of Impact Munitions Used in Law Enforcement . *Archives of Criminology and Forensic Sciences*. 1(3). 89-101. DOI: <https://doi.org/10.32353/acfs.3.2021.10>