

Patents received in 2010-2023

2010
1. Patent for invention No. 23237 of the Republic of Kazakhstan. Achromatic Static Mass Spectrometer / Baisanov O. A., Spivak-Lavrov I. F.; publ. 15.11.2010, byul. № 11.
2. Patent for invention No. 23549 of the Republic of Kazakhstan. Internal combustion Engine piston / Kaukarov A. K., Kuanyshev M. K., Murzagaliev A. Zh., Mukhtarov A. T., Nekrasov V. G.; publ. 15.12.2010, byul. № 12.
2012
3. Patent for invention No. 26141 of the Republic of Kazakhstan. Universal cryostat for recording the absorption spectra of crystals at low temperature under the influence of deformation and radiation / Shunkeev K. Sh., Sarmukhanov, A. Barmina, K. Bizhanova, S. Shunkeev; publ. 14.09.2012, byul. № 9.
2013
4. Patent for invention No. 27189 of the Republic of Kazakhstan. Multi-reflection time-of-flight mass spectrometer / Spivak-I. F. Lavrov, Baisanov O. A.; publ. 15.07.2013, byul. no. 7.
5. Patent for invention No. 27179 of the Republic of Kazakhstan. Piston machine motion conversion mechanism / Murzagaliev A. Zh., Kuanyshev M. K., Kaukarov A. K., Mukhtarov A. T., Nekrasov V. G.; publ. 15.07.2013, byul. no. 7.
6. Patent for invention No. 27180 of the Republic of Kazakhstan. Seal of the piston rod of the internal combustion engine / V. G. Nekrasov, A. T. Mukhtarov, Kaukarov A. K., Kuanyshev M. K., Murzagaliev A. Zh.; publ. 15.07.2013, byul. no. 7.
7. Patent for invention No. 27526 of the Republic of Kazakhstan. Multi-reflection time-of-flight mass spectrometer / Baisanov O. A., Spivak-Lavrov I. F.; publ. 15.10.2013, byul. № 10.
2014
8. Patent for invention No. 28731 of the Republic of Kazakhstan. Universal cryostat for recording low-temperature ion conductivity and thermally stimulated depolarization currents in deformed and irradiated crystals Шункеев, А.А. Nurmaganbetov, A. A. Barmina, D. M. Sergeev, L. N. Myasnikova, N. N. Zhanturina; published on 19.06.2014, Byul. № 6; F25D 3/10(2006.01).
2016
9. Patent for invention No. 31799 of the Republic of Kazakhstan. Method for determining low-temperature vacancy dipole defects in alkali halide crystals by thermostimulated depolarization / Shunkeev K., Sergeev D., Myasnikova L. N., Barmina A., Sagimbayeva Sh., Aimaganbetova Z.; publ. 30.12. 2016
2018
10. Patent for invention No. 33327 of the Republic of Kazakhstan. Method for enhancing the luminescence of a KCl crystal by activating it with light Na cations / Shunkeev K. Sh, Myasnikova L., Barmina A., Sergeev D., Zhanturina N., Sagimbayeva Sh.; published on 30.11.2018

2019

11. Patent for invention No. 33557 of the Republic of Kazakhstan. $\text{La}_2\text{O}_2\text{S}$ путем активирования редкоземельными ионами и воздействия высокого гидростатического сжатия / Shun'eev K. Sh., Grinberg M., Zhanturina N. N., Barmina A. A. Method for enhancing the luminescence of a $\text{La}_2\text{O}_2\text{S}$ crystal by activating it with rare-earth ions and applying high hydrostatic compression. Grinberg M., Zhanturina N.N., Barmina A.A., Myasnikova L. N.; published on 29.03.2019

12. Utility model patent 4336 of the Republic of Kazakhstan. Lumpy soap with diatomaceous earth / Shunkeev K. Sh., Bekeshev A.Z., Kurmanbaev A. Sh., Myasnikova L. N., Zhubanyshova M.; published on 01.10.2019

13. Utility model patent 3532 of the Republic of Kazakhstan. Set of plates for storm sewer drainage/ Kurmanbaev A. Sh., Bekeshev A. Z., Akhmetova M. K., Zhumabek N. J.; published on 09.01.2019..

14. Patent for invention No. 33504 of the Republic of Kazakhstan. Collimator lens of a prismatic mass spectrometer / Baisanov O. A., Spivak-Lavrov I. F.; published on 01.03.2019..

15. Patent for invention 33736 of the Republic of Kazakhstan. Method of formation of technogenic mineral formations during open-pit mining of mineral deposits / Sapakov E. A., Kulniyaz S. S.; published on 28.06.2019..

16. Utility model patent 4079 of the Republic of Kazakhstan. Set of plates for storm sewer drain with spike-groove connection/ Tastanova L. K., Kurmanbaev A. Sh., Bekeshev A. Z., Akhmetova M. K.; publ. 14.06.2019.

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17. Patent for invention No. 34253 of the Republic of Kazakhstan. Working equipment of a hydraulic excavator with a hydro-controlled jaw / Kulgildinov M. S., Kaukarov A. K., Kadyrov Zh. N., Kulgildinov B. M., Oralbekov R. O.; published on 03.04.2020.

18. Patent for invention No. 34359 of the Republic of Kazakhstan. A method for smelting low-carbon ferromanganese in an induction furnace / Shabanov E. Zh., Musin A.M., Makhambetov E. N., Baisanov S. Baisanov, Yesengaliev D. A., Baisanov A. S. published 29.05.2020.2021. 29.05.2020.

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19. Patent for invention No. 34978 of the Republic of Kazakhstan. Method for recording thermally stimulated luminescence spectra щелочногалогидных кристаллов / of alkali halide crystals K., Myasnikova L., Sagimbayeva Sh., Ubaev Zh. K., German A. E., Litskevich A. Yu.; publ. 02.04.2021

20. Utility model patent 5978 of the Republic of Kazakhstan. A method for influencing the free path of excitons in щелочногалогидных кристаллах / alkaline haloid crystals K., Myasnikova L., Zhanturina N., Sagimbayeva Sh., Aimaganbetova Z., Ubaev Zh. K., Maratova A.; published on 09.04.2021.

21. Utility model patent 5994 of the Republic of Kazakhstan. Mobile compact unit for radiation sterilization / Kurmanbaev A. Sh., Бекешев А.З., Tastanova L. K., Myasnikova L. N., Kadykova Yu. A.; publ. 16.04.2021.

<p>22. Utility model patent 6137 of the Republic of Kazakhstan. Mask-scrub with diatomaceous earth and aloe / Sagimbayeva Sh. Zh., Shunkeev K. Sh., Zhanturina N. N., Myasnikova L. N., Aimaganbetova Z. K., Istlyaup A. S.; published on 11.06.2021.</p>
<p>23. Utility model patent 6260 of the Republic of Kazakhstan. Electrohydraulic method of diatomite enrichment/ Sagimbayeva Sh. Zh., Shunkeev K. Sh., Tarkovsky V. V., Tastanova L. K., Myasnikova L. N.; published on 23.07.2021.</p>
<p>24. Utility model patent 6563 of the Republic of Kazakhstan. Method for synchronous recording of the time and spectral dependence of the tunnel luminescence intensity of alkali halide crystals/ Sagimbayeva Sh. Zh., Shunkeev K. Sh., Maratova A. G., Myasnikova L. N.; published 22.10.2021.</p>
<p>2022</p>
<p>25. Patent for utility model of the Republic of Kazakhstan №7646. Method of concentration-stimulating enhancement of luminescence of a KCl-Na crystal / Shunkeev K. Sh., Sagimbayeva Sh. Zh., Trep A.S., Ubaev Zh.K. 09.06.2022</p>
<p>26. Patent for utility model of the Republic of Kazakhstan №7073. A method for enhancing the luminescence of a KCl crystal / Shunkeev K. Sh., Sagimbayeva Sh. Zh., Tlep A. S. 06.05.2022</p>
<p>2023</p>
<p>27. Patent for utility model of the Republic of Kazakhstan №7806. Mobile oil sludge disposal unit / Balgynova A.M., Merekeevna A., Sarbekova A.M., Kireev K. M. 10.02.2023</p>
<p>28. Patent for utility model of the Republic of Kazakhstan № 8216. Method for obtaining lanthanum aluminum perovskite doped with cerium / Zhanturina N.N. 30.06.2023</p>
<p>29. On the industrial model of RK №3802. Fashionable suit for women / Sibagatova G.K. 29.09.2023</p>