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2019 - 1

Evaluation of tribological properties of hard coatings obtained on steel C45 by electro-spark alloying

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Key Engineering Materials KEM, 2019

Nr. 1(37) / 2013 / ISSN 1811-5470

Disponibil online 26 April, 2021. Descarcări-3. Vizualizări-388

2018 - 2

Increase of wear resistance of Cr18Ni10Ti stainless steel by method of electric-spark alloying with electrodes of refractory metals and graphite

Agafii Vasile, Mikhailov Valentin, Kazak Natalia, Volodina Galina, Cracan Cornel

Institute of Applied Physics, Academy of Sciences of Moldova

BALTTRIB2017 - Dedicated to 100th Anniversary of Restitution of Lithuania

Nr. 6/3(270) / 2014 / ISSN 2587-4365 / ISSNe 2587-4373

Disponibil online 18 July, 2021. Descarcări-0. Vizualizări-469

Tribological characteristics of multicomponent coatings synthesized on steel 45 in the process of electrospark alloying with a mixture of powders

Mikhailov Valentin, Agafii Vasile, Kazak Natalia

Institute of Applied Physics

Materials Science and Condensed Matter Physics

Nr. 4(64) / 2008 / ISSN 1810-9136

Disponibil online 11 February, 2019. Descarcări-11. Vizualizări-705

2017 - 1

Tribological properties of coatings obtained by electro-spark alloying C45 steel surfaces

Padgurskas Juozas¹, Kreivaitis Raimondas¹, Rukuiza Raimundas¹, Mikhailov Valentin², Agafii Vasile², Kriukiene Rita³, Baltusnikas Arunas³

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Surface and Coatings Technology

Nr. 311 / 2017 / ISSN 0257-8972

Disponibil online 15 February, 2023. Descarcări-0. Vizualizări-136

2016 - 6

Improvement of wear resistance of OT4 titanium alloy by electrospark alloying

Agafii Vasile¹, Padgurskas Juozas², Mikhailov Valentin, Andriusis Albinas², Kreivaitis Raimondas², Kazak Natalia¹

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Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 6 August, 2019. Descarcări-7. Vizualizări-709

Increasing wear resistance of 30X13 stianless steel by electrospark alloying

Agafii Vasile¹, Padgurskas Juozas², Mikhailov Valentin¹, Andriusis Albinas², Kreivaitis Raimondas², Ianachevich Anatolie¹

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BALTTRIB2015 - Dedicated to 50th Anniversary Year of Tribology

// ISSN -

Disponibil online 17 June, 2022. Descarcări-4. Vizualizări-305

Influence of sliding distance and load on wear of electrospark coatings

Agafii Vasile¹, Padgurskas Juozas², Mikhailov Valentin¹, Andriusis Albinas², Kreivaitis Raimondas², Kazak Natalia¹

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Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 6 August, 2019. Descarcări-3. Vizualizări-695

Obtaining electrospark coatings on steel 45 and indentifying optimal friction couples

Agafii Vasile¹, Padgurskas Juozas², Mikhailov Valentin¹, Andriusis Albinas², Kreivaitis Raimondas²

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Materials Science and Condensed Matter Physics

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Surface modification of structural steels and titanium alloys by synthesizing carbide phases with electro-spark alloying electrodes of transition metals IV - VI groups and graphite

Kazak Natalia, Mikhailov Valentin, Ianachevich Anatolie, Agafii Vasile

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Disponibil online 6 August, 2019. Descarcări-4. Vizualizări-615

Tribological properties of combined molybdenum coatings formed by electric-spark alloying on stainless steel

Padgurskas Juozas¹, Agafii Vasile², Mikhailov Valentin², Rukuiza Raimundas¹, Kreivaitis Raimondas¹

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Journal of Friction and Wear

Nr. 5(37) / 2016 / ISSN 1068-3666

Disponibil online 16 December, 2022. Descarcări-0. Vizualizări-206

2014 - 2

Effect of load on tribological properties of some coatings obtained by electrospark alloying on 45 steel surfaces

Agafii Vasile¹, Padgurskas Juozas², Mikhailov Valentin¹, Andriusis Albinas², Kreivaitis Raimondas², Zunda Audrius²

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Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

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Improvement of the tribological properties of stainless steel 04X18H10 by electrospark alloys

Agafii Vasile¹, Padgurskas Juozas², Mikhailov Valentin¹, Andriusis Albinas², Kreivaitis Raimondas², Ianachevich Anatolie¹

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Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 23 March, 2019. Descarcări-0. Vizualizări-567

2013 - 3

Deposition of Al-Sn nanostructured coatings on aluminum surface using electrospark alloying and their wear resistance under lubricated friction

Agafii Vasile¹, Yurchenko E.², Yurchenko V.², Petrenko Vladimir¹, Dikusar Aleksandr^{1,2}

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Nanotechnologies and Biomedical Engineering

Nr. 1(29) / 2005 / ISSN 1810-6455

Disponibil online 18 June, 2019. Descarcări-0. Vizualizări-721

Electrospark alloying for deposition on aluminum surface of Al-Sn coatings and their wear resistance under dry friction

Agafii Vasile¹, Petrenko Vladimir¹, Fomicev V², Iurcenco V², Yurchenko E.², Dikusar Aleksandr^{1,2}

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Nr. 3(49) / 2013 / ISSN 1068-3755 / ISSNe 1934-8002

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Electrospark Alloying for Deposition on Aluminum Surface of Al-Sn Coatings and their Wear Resistance under Dry Friction

Agafii Vasile¹, Petrenko Vladimir¹, Fomicev V², Iurcenco V², Yurchenko E.², Dikusar Aleksandr¹²

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Электронная обработка материалов

Nr. 3(49) / 2013 / ISSN 0013-5739 / ISSNe 2345-1718

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2011 - 4

Wear Resistance of Coatings Manufactured by Electric Spark Plating with Al Sn Electrodes

Agafii Vasile¹, Iurcenco V², Iurcenco V², Fomicev V², Petrenko Vladimir¹, Dikusar Aleksandr¹

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Surface Engineering and Applied Electrochemistry

Nr. 6(47) / 2011 / ISSN 1068-3755 / ISSNe 1934-8002

Disponibil online 29 November, 2013. Descarcări-1. Vizualizări-1058

Износостойкость покрытий, полученных электроискровым легированием электродами из сплава Al-Sn

Агафий Василий¹, Юрченко В.², Юрченко В.², Fomicev V², Петренко В.¹, Дикусар Александр¹

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Применение фосфатно-медных присадок

Гологан Виорел, Агафий Василий, Бобанова Жанна

Институт прикладной физики АНМ

Realizări și perspective în menenanța utilajului agricol și a autovehiculelor

Nr. 1-2(14) / 2010 / ISSN 1857-0445

Disponibil online 1 October, 2019. Descarcări-0. Vizualizări-674

Трибологические свойства стали 45с электроискровыми покрытиями

Агафий Василий, Михайлов Валентин

Институт прикладной физики АНМ

Realizări și perspective în menenanța utilajului agricol și a autovehiculelor

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2010 - 5

MSP 31P Influence of the electrospark covering and friction on the substructure of the superficial layer of the base of the sample from steel 45

Shkurpelo Anatolie, Mihailov Valentin, Agafii Vasile

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Nr. 16(29) / 2012 / ISSN 1857-0054

Disponibil online 15 April, 2021. Descarcări-0. Vizualizări-312

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Parshutin Vladimir, Paramonov Anatolii, Koval Aleksand, Agafii Vasile

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Materials Science and Condensed Matter Physics

Nr. 16(29) / 2012 / ISSN 1857-0054

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Гологан Виорел, Агафий Василий, Babanova J.

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Zhitaru Raisa, Parshutin Vladimir, Paramonov Anatolii, Kovali Alexandr, Agafii Vasile

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Materials Science and Condensed Matter Physics

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2009 - 1

The effect of some additives on the tribological properties and modification of metallic surfaces during the sliding friction

Agafii Vasile, Parshutin Vladimir

Institute of Applied Physics, Academy of Sciences of Moldova

BALTTRIB2009 - 5th Int. Conference, Dedicated to Lithuanian Millennium, 85th Anniversary of Lithuanian University of Agriculture, and 60th Anniversary of Department of Mechanical Engineering

Nr. 6 / 2008 / ISSN 1857-1840

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2008 - 1

Influence of conditions of friction indentation loading of some metals on the microhardness scale effect

Zhitaru Raisa, Parshutin Vladimir, Paramonov Anatolii, Kovali Alexandr, Agafii Vasile

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2006 - 1

Influence of some coordination compounds of nickel and neodymium on tribological properties of grease

Agafii Vasile

Institute of Applied Physics

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