[ДМ/ДК] № 11 (155) 2006 г. [PM/PS]



## INTERNATIONAL INFORMATIZATION ACADEMY — ASSOCIATED MEMBER OF THE UN

**«PRECIOUS METALS. PRECIOUS STONES»** 

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In his speech at Business News Agency's panel discussion on Nov. 17, 2006, the deputy director of "Yuvelirprom" research institute noted that alongside the overall industrial production growth over the last years the Russian jewelry industry exhibits strong tendency for seamless integration into the world jewelry market. Yet illicit trade in black market production still holds 40 to 60% market share. Russian jewelers rely on the government to do only one thing — make the liberalization of the precious stones and metals market more efficient.

## RPMG-2006

## ДОКУМЕНТЫ И МАТЕРИАЛЫ

Eighth international business conference

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The president of the consumers of preciou	problems that are yet to be resolve international cooperation center for the metals addresses the problems with disunity between the market regulatory and small businesses.	ne manufacturers and n the law on precious
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The deputy vice chairn procedural legislation, and the chairman of the	r that's some interesting link nan of the State Duma Committee of civi the President of the National Hydroge ne Russian Consumer Union comments g bureaucratic red tape.	I, criminal, arbitral and n Energy Association,
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The chairman of the F measures to give the g	oblems of alluvial gold mining Russian Union of Gold Producers sugge gold mining industry a boost that will let er the upcoming years and prevent the ir	sts a number of state it maintain the current
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[ДМ/ДК] Nº 11 (155) 2006 r. [PM/PS] MARKET **OVERVIEWS AND FORECASTS** "Platinum 2006. Interim review".......67 Presentation of the "Platinum 2006. Interim review" in Moscow was arranged by Johnson Matthey Moscow representative office and took place on 14th of November in Marriott Royal Aurora Hotel. "Platinum 2006. Interim Review" is Johnson Matthey's latest market survey of platinum group metals supply and demand in 2006, forecasts for the beginning of the 2007, including prospects of the price movements. Presentations of the review took place at the same time in London, New-York, Johannesburg, Hong Kong, Tokyo and Moscow, Presentation in Moscow was carried out by Rainaldo O'Meara (Market Research Manager UK) and Mikhail Piskulov (General Manager Russia). MMC NORILSK NICKEL Consistently improving environmental performance.............98 More than 1 billion euro for environmental issues until 2015 ......99 On the same level with the world industry leaders' reports ......101 **ALROSA CURRENT EVENTS** Current events of the Russian market of precious metals and stones in November. 2006 are presented by the Russia jewelry network, the leading informative and analytical agency of the Russian diamond and gold-and-platinum branch (http://www.jewellernet.ru). DIAMONDS Demand on the world diamond market goes down and supply goes up. Lay-offs overseas. **GOLD** Gold becomes cheaper, mining falls, goldmines multiply......147 That's the paradoxical situation in today's gold market. What lies ahead? CRIME Criminals' fantasy is boundless. 650,000 diamond miners in a single country is not stealing, it's something else www.rdmk.ru dragmet@rdmk.ru

[ **ДМ/ДК** ] № 11 (155) 2006 г. [PM/PS] EQUIVALENT JOURNAL-IN-JOURNAL Hydrogen Energy and Platinum-group Metals......166 "Equivalent" is a journal-in-journal which highlights on the DM/DK's pages the issues related to the development and implementation of high technologies on the platinumgroup metals market in connection with the development of hydrogen energy. It is edited by the Vice President of the Council of Experts for High Technologies, Doctor of Chemical Sciences, Professor A. A. EVDOKIMOV. A.L. SHILOV, L.N. PADURETS, N.T. KUZNETSOV. Comprehensive research of model alloys for hydrogen accumulation.......167 Scientists of Kurnakov Institute of General and Inorganic Chemistry of Russian Academy of Sciences, headed by RAS academician N.T. KUZNETSOV, present the findings of their new researches. **A.F. CHABAK.** Application of palladium in production of catalytic materials to remove oxygen from water and solutions in the energy industry......169 The President of the Academy of Advanced Technologies "Kurchatov Institute" presents the new technique created in the Academy for production of ion exchange resins based on anion exchange resins. A.L. DMITRIEV (St. Petersburg). Use of platinum group metals as high-energy catalysts for low-temperature hydrogen oxidation The deputy head of "Applied Chemistry" Russian scientific center and the member of the ecological committee of St. Petersburg tells about research of new granulated catalysts made of platinum + iridium based on heat-resistant carrier. A.A.BLOKHIN, N.D ABOVSKY, YU.V MURASHKIN (St.-Petersburg State Institute of Technology (technical university), M.A MIKHAYLENKO. (Moscow Representative Office of "Purolite International Ltd."). Ion Exchange Recovery of Platinum from Waste Ferric Containing Solutions During Conversin of Desactivated Catalystes......173 Platinum recovery from artificial hydrochloric acid solutions was investigated. Sorption was done from solutions with initial concentrations of elements as the followings: Pt — 9-10 mg/L; Fe(II) - 100 g/L; Cu - 1 g/L. Effective desorption of platinum was performed by acidified solution of thiourea. www.rdmk.ru dragmet@rdmk.ru 13