Accepted Manuscript

Plasma-Chemical Processes under High-Power Gyrotron's Discharge in the Mixtures of Metal and Dielectric Powders

N.S. Akhmadullina, N.N. Skvortsova, E.A. Obraztsova, V.D. Stepakhin, E.M. Konchekov, A.A. Letunov, A.A. Konovalov, Yu.F. Kargin, O.N. Shishilov

PII: S0301-0104(18)30748-1

DOI: https://doi.org/10.1016/j.chemphys.2018.08.023

Reference: CHEMPH 10139

To appear in: Chemical Physics

Received Date: 6 July 2018
Revised Date: 13 August 2018
Accepted Date: 14 August 2018



Please cite this article as: N.S. Akhmadullina, N.N. Skvortsova, E.A. Obraztsova, V.D. Stepakhin, E.M. Konchekov, A.A. Letunov, A.A. Konovalov, Yu.F. Kargin, O.N. Shishilov, Plasma-Chemical Processes under High-Power Gyrotron's Discharge in the Mixtures of Metal and Dielectric Powders, *Chemical Physics* (2018), doi: https://doi.org/10.1016/j.chemphys.2018.08.023

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Plasma-Chemical Processes under High-Power Gyrotron's Discharge in the Mixtures of Metal and Dielectric Powders

N.S. Akhmadullina^{1*}, N.N. Skvortsova^{2,3*}, E.A. Obraztsova^{2,4}, V.D. Stepakhin^{2,5}, E.M. Konchekov^{2,5}, A.A. Letunov², A.A. Konovalov¹, Yu.F. Kargin¹, O.N. Shishilov⁶

¹ A.A. Baikov Institute of Metallurgy and Material Science, Russian Academy of Sciences, Leninsky prospect 49, Moscow, 119334, Russia

² A.M. Prokhorov General Physics Institute, Russian Academy of Sciences, ul. Vavilova 38, Moscow, 119991 Russia

³ National Research Nuclear University MEPhI, Kashirskoe shosse, 31, Moscow, 115409, Russia

⁴M.M. Shemyakin and Yu.A. Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, Miklukho-Maklaya st. 16/10, Moscow, 117997, Russia

⁵ N.I. Pirogov Russian National Research Medical University, Ostrovitianov st. 1, Moscow, 117997, Russia

⁶ Institute of Fine Chemical Technologies, Russian Technological University, Vernadskogo prospect 86, Moscow, 119571, Russia

Download English Version:

https://daneshyari.com/en/article/9577162

Download Persian Version:

https://daneshyari.com/article/9577162

<u>Daneshyari.com</u>