# PLASMA-CHEMICAL REACTOR FOR PRODUCING PHOTOVOLTAIC CELL INSULATION



## **Areas of Application**

The reactor is to be used in alternative power engineering for producing photovoltaic cells

# **Specification**

The treatment cycle, min	30
Simultaneously treats 60 plates:	
plate size, mm <sup>2</sup>	125×125,
_	$150 \times 150$
plate thickness, μm	210
Magnetic field, E	100
Generator capacity, kW	1.5
at a frequency, MHz	13.56

#### **IPR Protection**

IPR1

### **Advantages**

This reactor has a capacity 2.4 times exceeding that of the best foreign analogs and provides a higher quality of treatment

# **Stage of Development. Suggestions for Commercialization**

IRL6, TRL6 Manufactured, delivered, and serviced within warranty period, upon request

#### **Contact Information**

*Oleg A. Fedorovich;* Institute for Nuclear Research of the NAS of Ukraine; +38 044 525 24 36, e-mail: oafedorovich@kinr.kiev.ua