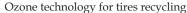
# EQUIPMENT FOR TIRES RECYCLING USING THE OZONE TECHNOLOGY







Stream Ozone<sup>TM</sup> industrial ozone generators

### **Areas of Application**

The equipment is designed for disposal of waste tires and production of rubber crumb used for manufacturing reclaimed rubber, minor rubber goods (carpets, rugs, etc.), asphalt, European-type roofing felt, and composite materials

#### **Specification**

The laboratory prototype has the following characteristics: capacity of up to 50 tires per day; rubber destruction of 85 – 90%; fine (less than 1 mm) crumb output of 15% of total crumb weight; and power consumption of 250 kW per ton of tires

#### **IPR Protection**

IPR1

# **Advantages**

The equipment has the following advantages over the conventional equipment for mechanical tire recycling: 2-3 times less power consumption; a decrease in the number of recycling stages; a low amortization of working parts of the equipment; a high quality of rubber crumb having a more developed surface and a high purity

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

IRL5, TRL4

Seeking investors and partners for upgrade of technology, transition from laboratory prototype to industrial one, and production of industrial equipment

## **Contact Information**

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