

Title (en)

A METHOD FOR PRODUCING A PLASMA IN A HEAT CARRIER FOR STABILIZATION OF COMBUSTION AND NEUTRALIZATION OF TOXIC PRODUCTS AND A DEVICE FOR THE SAME

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PLASMAS IN EINEM WÄRMETRÄGER ZUR STABILISIERUNG DER VERBRENNUNG UND NEUTRALISIERUNG VON TOXISCHEN PRODUKTEN UND VORRICHTUNG DAFÜR

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN PLASMA DANS UN CALOPORTEUR POUR LA STABILISATION DE LA COMBUSTION ET LA NEUTRALISATION DE PRODUITS TOXIQUES ET DISPOSITIF POUR CELUI-CI

Publication

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Application

**EP 16182997 A 20160805**

Priority

EP 16182997 A 20160805

Abstract (en)

[origin: EP3280230A1] Present invention relates to a method for producing a plasma in a heat carrier for stabilization of combustion and neutralization of toxic products and a device for the same. According to the method part of heat energy of the heat carrier is converted into a particle beam (CPB&NPB) pulse, said particle beam is accelerated, polarized, focused and deflected back to the area of the heat carrier.

IPC 8 full level

**H05H 1/24** (2006.01)

CPC (source: EP US)

**H05H 1/24** (2013.01 - EP US); **H05H 3/00** (2013.01 - EP); **H05H 15/00** (2013.01 - EP); **H05H 2245/17** (2021.05 - EP)

Citation (examination)

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- WO 2012030131 A2 20120308 - UNIV DANKOOK IACF [KR], et al
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- US 8512644 B1 20130820 - MAGANAS THOMAS C [US]

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WO2021190734A1

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