

Title (en)

ATMOSPHERIC-PRESSURE PLASMA TREATMENT OF GASEOUS EFFLUENTS

Title (de)

ATMOSPHÄRENDRUCKPLASMABEHANDLUNG VON GASFÖRMIGEN AUSTRAGSSTRÖMEN

Title (fr)

TRAITEMENT D'EFFLUENTS GAZEUX PAR PLASMA A PRESSION ATMOSPHERIQUE

Publication

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Application

EP 05789918 A 20050708

Priority

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Abstract (en)

[origin: WO2006008421A2] The invention relates to a method for the conversion of a gas or gas mixture and, in particular, a fluorinated gaseous effluent. According to the invention, at least one bond between two atoms of at least one molecule of the gas or gas mixture is broken under the influence of an electric and/or magnetic field to which the gas or gas mixture is subjected. The gas or gas mixture stream is injected through the electric and/or magnetic field in a non-rectilinear manner in order to increase the distance travelled by the gas molecules through the field and, in this way, increase the effectiveness of the conversion of the gas or gas mixture molecules.

IPC 8 full level

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Citation (search report)

See references of WO 2006008421A2

Citation (examination)

- US 5965786 A 19991012 - ROSTAING JEAN-CHRISTOPHE [FR], et al
- US 2004001787 A1 20040101 - PORSHNEV PETER [US], et al

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