

Title (en)

DEVICE FOR STERILIZING WITH GASEOUS PLASMA FORMED FROM A MIXTURE OF NITROGEN AND HYDROGEN

Title (de)

VORRICHTUNG ZUR STERILISIERUNG MIT GASFÖRMIGEM PLASMA AUS EINEM GEMISCH AUS STICKSTOFF UND WASSERSTOFF

Title (fr)

DISPOSITIF DE STERILISATION PAR PLASMA GAZEUX FORME A PARTIR D'UN MELANGE D'AZOTE ET D 'HYDROGENE

Publication

**EP 1841469 A1 20071010 (FR)**

Application

**EP 05850620 A 20051227**

Priority

- FR 2005003287 W 20051227
- FR 0413984 A 20041228

Abstract (en)

[origin: FR2879933A1] The chamber walls is made of glass and/or ceramics and/or a polymer, which contains a material having low capacity of nitrogen and hydrogen atoms, and equipped with the electrical field. A gaseous plasma results post-discharge flux contacted with the surface of the object, which is heated at 60[deg]C. The discharge flux is injected through the conduits and internal cavities of an instrument to sterilize the products. An independent claim is included for a sterilization process.

IPC 8 full level

**A61L 2/14** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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