

Title (en)

Device for the generation of microwaves, comprising a plurality of magnetrons

Title (de)

Vorrichtung zum Erzeugen von Mikrowellen, die eine Vielzahl von Magnetrons umfasst

Title (fr)

Dispositif de génération d'ondes hyperfréquence comprenant une pluralité de magnétrons

Publication

**EP 2472555 B1 20170111 (FR)**

Application

**EP 11306793 A 20111228**

Priority

FR 1005161 A 20101229

Abstract (en)

[origin: EP2472555A1] The device (10) has a wave guide (24) extending from an outer surface (44) of an anode (22) of the magnetrons (12, 14) to outside of the magnetron. Resonant cavities (42) of each magnetron include a connecting cavity (50) and an output cavity (52) such that the connecting cavity has a connecting portion (50B) emerging on the surface and the output cavity has an output portion (52B) emerging on the surface opposite to the wave guide. The connecting cavity of each magnetron is identical to another connecting cavity and to the output cavity of the magnetron if it includes the output cavity.

IPC 8 full level

**H01J 23/213** (2006.01); **H01J 23/22** (2006.01); **H01J 25/593** (2006.01)

CPC (source: EP US)

**H01J 23/213** (2013.01 - EP US); **H01J 23/22** (2013.01 - EP US); **H01J 25/593** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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