

Title (en)

Cyclotron for accelerating at least two kinds of particles

Title (de)

Zyklotron, das in der Lage ist, mindestens zwei Teilchentypen zu beschleunigen

Title (fr)

Cyclotron apte à accélérer au moins deux types de particules

Publication

**EP 2410823 B1 20121128 (FR)**

Application

**EP 10170531 A 20100722**

Priority

EP 10170531 A 20100722

Abstract (en)

[origin: EP2410823A1] The cavity (6) has a pillar, and a conductive enclosure (40) partially incorporating the pillar and a die (10). An end of the pillar is fixed to a base (45) of the enclosure. An opposite end of the pillar supports the die. The enclosure and the pillar form a transmission line, where capacitance per unit length of an intermediate portion (20b) of the transmission line located between the ends of the pillar is greater than capacitance per unit length in portions (20a, 20c) of the transmission line. An independent claim is also included for a method for designing a resonant cavity.

IPC 8 full level

**H05H 7/02** (2006.01); **H05H 7/18** (2006.01); **H05H 13/00** (2006.01)

CPC (source: EP US)

**H05H 7/02** (2013.01 - EP US); **H05H 7/18** (2013.01 - EP US); **H05H 13/00** (2013.01 - EP US)

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DOCDB simple family (publication)

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