

Title (en)
ELECTRON ACCELERATOR WITH CO-AXIAL CAVITY.

Title (de)
ELEKTRONENBESCHLEUNIGER MIT KOAXIALEM HOHLRAUM.

Title (fr)
ACCELERATEUR D'ELECTRONS A CAVITE COAXIALE.

Publication
EP 0359774 A1 19900328 (FR)

Application
EP 88904976 A 19880525

Priority
FR 8707378 A 19870526

Abstract (en)
[origin: WO8809597A1] A co-axial cavity (CC) resonates at the fundamental frequency and electrons are injected in the median plane perpendicular to the axis. The beam can be accelerated several times along different diameters (d1, d2) by reinjection into the cavity, by means of electron deflectors (D1, D2). Used in the irradiation of various substances.

Abstract (fr)
Accélérateur d'électrons. Selon l'invention, on utilise une cavité coaxiale (CC) résonnant selon le mode fondamental et on injecte les électrons dans le plan médian perpendiculaire à l'axe. Le faisceau peut être accéléré plusieurs fois le long de diamètres différents (d1, d2) par injection dans la cavité, grâce à des déflecteurs d'électrons (D1, D2). Application à l'irradiation de substances diverses.

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IPC 8 full level
H05H 7/00 (2006.01); **H05H 7/18** (2006.01); **H05H 9/00** (2006.01); **H05H 9/04** (2006.01)

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Citation (search report)
See references of WO 8809597A1

Cited by
EP2509399A1; EP2804451A1; EP3319402A1; EP3661335A1; US10743401B2; EP3319403A1

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