

Title (en)
ELECTRON BEAM INJECTION DEVICE FOR A MICROWAVE GENERATOR

Publication
EP 0124396 B1 19880127 (FR)

Application
EP 84400615 A 19840327

Priority
FR 8305604 A 19830406

Abstract (en)
[origin: US4567402A] A device is provided for injecting an electron beam propagating along an axis (x) in a cycloidal path under the action of a continuous electric field and a static magnetic field (B) perpendicular to the axis of propagation and to the electric field. The injection device comprises an electron gun placed in a weak magnetic field (B1) and means, placed in a magnetic field (B2) increasing progressively along the axis (x), for creating in this zone a continuous electric field having two components in the plane perpendicular to the magnetic field.

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H01J 23/075; **H01J 25/02**

IPC 8 full level
H01S 1/00 (2006.01); **H01J 23/075** (2006.01); **H01J 25/02** (2006.01)

CPC (source: EP US)
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CH DE GB LI

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FR 2544128 A1 19841012; **FR 2544128 B1 19850614**; DE 3469102 D1 19880303; EP 0124396 A1 19841107; EP 0124396 B1 19880127; JP S59197179 A 19841108; US 4567402 A 19860128

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