

Title (en)
CYCLOTRON PROVIDED WITH NEW PARTICLE BEAM INFLECTION MEANS

Title (de)
ZYKLOTRON MIT NEUEN TEILCHENSTRAHL-UMLENKUNGSMITTELN

Title (fr)
CYCLOTRON MUNI DE NOUVEAUX MOYENS D INFLEXION DU FAISCEAU DE PARTICULES

Publication
EP 1527658 B1 20110914 (FR)

Application
EP 03739886 A 20030718

Priority

- EP 03739886 A 20030718
- BE 0300124 W 20030718
- EP 02447140 A 20020722

Abstract (en)
[origin: EP1385362A1] The cyclotron for acceleration of charged particle beams circulating in a median plane. It is in the form of two poles inducing a magnetic field and possessing an axial injector, this injector disposed at the exterior of the cyclotron essentially along the principal axis of the cyclotron and perpendicular to its median plane. It has inflexion units, which allow the inflexion of the particle beams right up to the positioning in the median plane, these units made up of a magnetic inflexion components.

IPC 8 full level
H05H 7/08 (2006.01); **H05H 13/00** (2006.01)

CPC (source: EP US)
H05H 7/08 (2013.01 - EP US); **H05H 13/00** (2013.01 - EP US)

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