

Title (en)  
CYCLOTRON WITH DEFOCUSING SYSTEM

Publication  
**EP 0128052 B1 19880608 (FR)**

Application  
**EP 84400682 A 19840406**

Priority  
FR 8305939 A 19830412

Abstract (en)  
[origin: US4639634A] Cyclotron permitting a better utilization of the power when an internal target is used. According to the invention, vertical defocussing coils are arranged along a circular path across which is arranged the target. The elongated, curved coils have the effect of destroying the vertical focusing and consequently widen the beam before impact takes place with the target, so that the latter is not damaged. Application to the production of radioisotopes.

IPC 1-7  
**H05H 13/00**

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

CPC (source: EP US)  
**H05H 13/00** (2013.01 - US); **H05H 13/005** (2013.01 - EP)

Citation (examination)  
FR 2109273 A5 19720526 - THOMSON CSF

Cited by  
BE1003551A3; WO9107864A1

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DOCDB simple family (publication)  
**FR 2544580 A1 19841019; FR 2544580 B1 19850705**; DE 3472054 D1 19880714; EP 0128052 A1 19841212; EP 0128052 B1 19880608; US 4639634 A 19870127

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