

Title (en)  
CHARGED-PARTICLES ANALYSER

Publication  
**EP 0185789 B1 19910306 (DE)**

Application  
**EP 84116209 A 19841222**

Priority  
EP 84116209 A 19841222

Abstract (en)  
[origin: EP0185789A1] A charged-particle analyser, having two electrodes (8, 9) used for generating an axially-symmetrical electric field is proposed, which electrodes extend, together with the paths of the particles to be analysed, along a nominal circle (10) located between the electrodes; in order to achieve improved dispersion, the electrodes (8, 9) are shaped such that the axially-symmetrical field generated by them has equipotential surfaces, which have an at least approximately elliptical section in a section at right angles to the plane of the nominal circle (10). <IMAGE>

IPC 1-7  
**H01J 49/48**

IPC 8 full level  
**H01J 49/48** (2006.01)

CPC (source: EP)  
**H01J 49/484** (2013.01)

Cited by  
EP0268232A3; DE102005031537B4; GB2270416A; DE4228190A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0185789 A1 19860702; EP 0185789 B1 19910306**; DE 3484246 D1 19910411

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