

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

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