

Title (en)

Spherical electrode type charged particle analyzer

Title (de)

Analysator für geladene Teilchen mit sphärischer Elektrode

Title (fr)

Analyseur de particules chargées à électrode sphérique

Publication

**EP 0465695 B1 19960925 (EN)**

Application

**EP 90113101 A 19900709**

Priority

EP 90113101 A 19900709

Abstract (en)

[origin: EP0465695A1] A charged particle analyzer comprises a spherical grid (1), a spherical electrode (2) concentric therewith, an emission portion (W) for emitting charged particles, a screen plate (3) having an exit opening (A), a plurality of second spherical grids (8,81,91,9) forming a high pass filter for the charged particles, a detector (4) for detecting the charged particles, and an obstacle ring (10) being in parallel with an equatorial plane normal to a line connecting the emission portion and the center of the exit opening with being within the spherical electrode (2). <IMAGE>

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**H01J 49/48; H01J 49/28**

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