

Title (en)

CHARGED PARTICLE OPTICAL SYSTEM COMPRISING AN ELECTROSTATIC DEFLECTOR

Title (de)

EINEN ELEKTROSTATISCHEN DEFLEKTOR UMFASSENDES OPTISCHES SYSTEM MIT GELADENEN TEILCHEN

Title (fr)

SYSTÈME OPTIQUE À PARTICULES CHARGÉES COMPRENANT UN DÉFLECTEUR ÉLECTROSTATIQUE

Publication

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Application

EP 10719962 A 20100428

Priority

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- NL 1036912 A 20090429
- US 17363809 P 20090429

Abstract (en)

[origin: WO2010125526A1] A charged particle optical system comprising an electrostatic deflector for the deflection of a plurality of beamlets of charged particles which electrostatic deflector comprises a first and a second electrode which are at least partially freestanding, said deflector deflecting the said plurality of beamlets by operation of an electric field between the electrodes between which the said plurality of beamlets passes, the said plurality of beamlets defining a passing window, said passing window extending in a first direction, wherein said plurality of beamlets is arranged in a single row extending in said first direction and a dimension of said passing window in a direction transverse to said first direction matching a diameter of said beamlets and wherein a substantial part of the electrostatic deflector extends beyond the passing window in said first direction.

IPC 8 full level

H01J 37/317 (2006.01)

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Citation (search report)

See references of WO 2010125526A1

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WO2022058253A2; WO2024133468A1; EP3869533A1; WO2021165134A1; EP4020517A1; EP4009348A1; EP4020518A2; WO2022117285A1; WO2022136064A1; WO2021165135A1; EP3971940A1; EP4089712A1; EP4117014A1; WO2024088718A1; WO2022258271A1; EP4170695A1; EP4391006A1; EP4075476A1; WO2022218634A1; WO2024013042A1; EP4354483A1; EP4354485A1; WO2024078910A1; EP4020565A1; EP4117016A1; WO2023280642A1; WO2022238137A1; EP4181167A1; WO2023083545A1; EP4354486A1; WO2024078912A1; EP4002421A1; WO2022101072A1; WO2022128392A1; WO2022135926A1; EP4084039A1; WO2022228943A1; EP4202969A1; EP3869536A1; EP3893263A1; WO2021204733A1; EP4068331A1; WO2022207265A1; WO2023066595A1; EP4391009A1; WO2024132486A1; EP4020516A1; WO2023280551A1; WO2023117277A1; EP4250331A1; EP4250332A1; WO2023180016A1; EP4307335A1; WO2024013040A1; EP3937205A1; WO2022008462A1; WO2022008286A1; EP4009349A1; WO2022117295A1; EP4086933A1; EP4095881A1; WO2022248138A1; EP4131329A1; WO2023011824A1; EP4290550A1; WO2023237667A1; EP4117012A1; WO2023280552A1; EP4199028A1; WO2023117266A1; EP4307334A1; WO2024013041A1; EP3971939A1; EP4117015A1; WO2023280643A1; EP4156227A1; WO2023046440A1; EP4345861A1; WO2024068252A1; EP4001903A1; WO2022106143A1; EP4117017A1; EP4120317A1; WO2023280644A1; EP4202970A1; WO2023117280A1; WO2022058252A1; EP4092712A1; EP4102536A1; EP4102535A1; WO2022242978A1; WO2022258279A1; EP4350733A1; WO2024074292A1

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