

Title (en)

METHOD AND DEVICE FOR PACKETIZING A BEAM-CHARGED PARTICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PAKETIEREN EINES STRAHLS GELADENER TEILCHEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE GROUPEMENT EN PAQUETS D'UN FAISCEAU DE PARTICULES CHARGÉES

Publication

EP 2823694 A1 20150114 (DE)

Application

EP 12726779 A 20120531

Priority

EP 2012060273 W 20120531

Abstract (en)

[origin: WO2013178275A1] The invention relates to a method for packetizing a beam-charged particle, in which the particles pass through an electric field in a device. Said device comprises an annular shaped central electrode which, in the direction of the beam, is arranged between a first outer electrode and a second outer electrode. A time-dependent electric voltage signal is applied to the central electrode, the temporal course thereof being selected such that particles inside the device undergo a position-dependent speed modification. The course of the speed modification is approximately sawtooth-shaped in the direction of the beam.

IPC 8 full level

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CPC (source: EP RU US)

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Citation (search report)

See references of WO 2013178275A1

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