

Title (en)
DC VOLTAGE-OPERATED PARTICLE ACCELERATOR

Title (de)
GLEICHSPANNUNGS-TEILCHENBESCHLEUNIGER

Title (fr)
ACCÉLÉRATEUR DE PARTICULES À TENSION CONTINUE

Publication
EP 2604099 A1 20130619 (DE)

Application
EP 11723022 A 20110520

Priority
• DE 102010040855 A 20100916
• EP 2011058269 W 20110520

Abstract (en)
[origin: WO2012034718A1] A DC voltage-operated particle accelerator for accelerating a charged particle from a source to a target comprises a first electrode arrangement and a separate second electrode arrangement. The first electrode arrangement and the second electrode arrangement are disposed in such a way that the particle successively runs through the first electrode arrangement and the second electrode arrangement. Each of the electrode arrangements is designed as a high-voltage cascade.

IPC 8 full level
H05H 5/06 (2006.01)

CPC (source: EP US)
H05H 5/06 (2013.01 - EP US)

Citation (search report)
See references of WO 2012034718A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DE 102010040855 A 20100916; EP 11723022 A 20110520; EP 2011058269 W 20110520; US 201113824543 A 20110520