

Title (en)

Reflector for a time of flight mass spectrometer

Title (de)

Reflektor für ein Flugzeitmassenspektrometer

Title (fr)

Reflecteur pour un spectromètre de masse à temps de vol

Publication

EP 2355129 B1 20130109 (DE)

Application

EP 10152072 A 20100129

Priority

EP 10152072 A 20100129

Abstract (en)

[origin: EP2355129A1] The reflector (9) has multiple ring electrodes (29,31) which are extended away from an entry opening (25) along a longitudinal axis (21). The ring electrode (31) near to the entry opening is at an opposite electric potential compared to the other ring electrodes (29). A screening electrode (41) is provided on a side of the entry opening facing away from ring electrodes. The potential of the screening electrode is different from that of ring electrodes.

IPC 8 full level

H01J 49/40 (2006.01)

CPC (source: EP US)

H01J 49/405 (2013.01 - EP US)

Cited by

DE102014009900A1; DE102014009900B4; US10026601B2

Designated contracting state (EPC)

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EP 2355129 A1 20110810; EP 2355129 B1 20130109; US 2011186730 A1 20110804; US 8314381 B2 20121120

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