

Title (en)
Electrostatic precipitator with safety device

Title (de)
Elektrostatischer Abscheider mit Sicherungseinrichtung

Title (fr)
Précipitateur électrostatique avec dispositif de sécurité

Publication
EP 2072141 B1 20150422 (DE)

Application
EP 08021638 A 20081212

Priority
DE 102007061366 A 20071219

Abstract (en)
[origin: EP2072141A2] The precipitator (1) has a flow channel (3) including a channel wall (4) and a channel interior (5) via which an exhaust gas (P) containing particles flows in a flow direction. The channel has an electrode (6) that is detachable from the channel and extends in the channel interior in the flow direction. The electrode is detachably fastened to the wall via an electrode holder (9) that is in contact with the wall. A safety device (10) prevents the electrode from supplying electrical discharge, during break of contact between the holder and the wall. An independent claim is also included for a method for protection against uncontrolled discharge of an electrode for an electrostatic precipitator.

IPC 8 full level
B03C 3/68 (2006.01); **B03C 3/49** (2006.01); **B03C 3/86** (2006.01); **B04C 11/00** (2006.01)

CPC (source: EP)
B03C 3/49 (2013.01); **B03C 3/68** (2013.01); **B03C 3/86** (2013.01); **B03C 2201/06** (2013.01)

Cited by
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DOCDB simple family (publication)
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