

Title (en)

Electrostatic precipitator with particle removing means and heating system

Title (de)

Elektrostatischer Abscheider mit Partikelabweismittel und Heizsystem

Title (fr)

Précipitateur électrostatique avec des moyens d'élimination de particules et système de chauffage

Publication

EP 2105206 B1 20150826 (DE)

Application

EP 09003859 A 20090318

Priority

DE 102008015616 A 20080326

Abstract (en)

[origin: EP2105206A2] The precipitator (1) has a channel wall (3) and a particle-containing exhaust gas (P) running in a flow direction through a flow channel (4). An electrode (5) extends in the flow channel in the flow direction for forming an electric field between the electrode and the channel wall, where a high voltage feed (6) energizes the electrode. An electrode support device (9) and a particle rejecting unit (8.1) are provided in the precipitator. The electrode is formed in such a manner that the electrode is partially integrated with the electrode support device.

IPC 8 full level

B03C 3/88 (2006.01); **B03C 3/74** (2006.01)

CPC (source: EP)

B03C 3/74 (2013.01); **B03C 3/88** (2013.01)

Cited by

CN116337703A; EP2322281A1; WO2023052137A1

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