

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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DOCDB simple family (publication)

**EP 2105206 A2 20090930; EP 2105206 A3 20130821; EP 2105206 B1 20150826**; DE 102008015616 A1 20091008

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