

Title (en)
Electrostatic precipitator with particle removing means and heating system

Title (de)
Elektrostatischer Abscheider mit Partikelabweisemittel und Heizsystem

Title (fr)
Précipitateur électrostatique avec des moyens d'élimination de particules et système de chauffage

Publication
EP 2105206 A3 20130821 (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 3/74 (2006.01); **B03C 3/88** (2006.01)

CPC (source: EP)
B03C 3/74 (2013.01); **B03C 3/88** (2013.01)

Citation (search report)

- [X] WO 8912731 A1 19891228 - BOSCH GMBH ROBERT [DE]
- [X] JP H1047037 A 19980217 - TEIKOKU PISTON RING CO LTD
- [X] DE 4114935 A1 19911128 - NAGAO KOGYO NAGOYA KK [JP]
- [X] SU 1174574 A1 19850823 - VOROSHILOVGRAD MASHINOSTR [SU]
- [XP] EP 2006023 A2 20081224 - BOSCH GMBH ROBERT [DE]

Cited by
CN116337703A; EP2322281A1; WO2023052137A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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