

Title (en)
Electrostatic separator and heating system

Title (de)
Elektrostatischer Abscheider und Heizungssystem

Title (fr)
Séparateur électrostatique et système de chauffage

Publication
EP 2153902 B1 20141231 (DE)

Application
EP 09167685 A 20090812

Priority
DE 102008037763 A 20080814

Abstract (en)
[origin: EP2153902A2] The electrostatic separator (1') comprises a flow channel (3) with a channel wall (4) and a channel interior (5), through which a particle-containing exhaust gas flows in a flow direction. An electrode (6) is provided, which extends in the channel interior, particularly in the flow direction. A heatable particle discharge unit (9) is provided, which prevents the deposit of the particles of the exhaust gas at the electrode. An independent claim is included for a heating system for producing energy by combustion of an energy source, such as biomass.

IPC 8 full level
B03C 3/41 (2006.01); **B03C 3/74** (2006.01)

CPC (source: EP)
B03C 3/41 (2013.01); **B03C 3/74** (2013.01); **B03C 2201/08** (2013.01); **B03C 2201/12** (2013.01)

Cited by
CN116337703A; CN108758909A; US2016040567A1; US9657617B2

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 SM TR

DOCDB simple family (publication)
EP 2153902 A2 20100217; EP 2153902 A3 20131113; EP 2153902 B1 20141231; DE 102008037763 A1 20100304

DOCDB simple family (application)
EP 09167685 A 20090812; DE 102008037763 A 20080814