

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  
CN108758909A; CN116337703A; US2016040567A1; US9657617B2

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DOCDB simple family (publication)  
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