

Title (en)  
Electrofilter

Title (de)  
Elektrofilter

Title (fr)  
Electrofiltre

Publication  
**EP 1958696 A2 20080820 (DE)**

Application  
**EP 08002717 A 20080215**

Priority  
• DE 202007002498 U 20070216  
• DE 202007004263 U 20070320

Abstract (en)  
A filter (1) has an electrode arrangement supplied with a high voltage during a filter operation and comprising a spraying electrode (13) and a precipitation electrode (11) that is arranged at a distance from the spraying electrode. A filter space is formed between the electrodes, where gases to be cleaned pass through the filter space. One of the electrodes is provided with an electrically conducting coating on a surface facing the filter space, where the electrodes are made from an electrically conducting material e.g. metal.

Abstract (de)  
Die Erfindung bezieht sich auf einen neuartigen Elektrofilter zum Reinigen von Partikel aufweisenden Gasen, insbesondere zum Reinigen von Rauchgasen, mit wenigstens einer während eines Filterbetriebs mit einer Hochspannung beaufschlagten Elektrodenanordnung bestehend aus wenigstens einer Sprühelektrode und aus wenigstens einer von dieser beabstandeten Abscheideelektrode, wobei die Elektroden zwischen sich einen von dem zu reinigenden Gas durchströmten Filterraum bilden.

IPC 8 full level  
**B03C 3/49** (2006.01); **B03C 3/02** (2006.01); **B03C 3/06** (2006.01); **B03C 3/10** (2006.01); **B03C 3/41** (2006.01); **B03C 3/60** (2006.01); **B03C 3/64** (2006.01); **B03C 3/74** (2006.01); **B03C 3/76** (2006.01)

CPC (source: EP)  
**B03C 3/025** (2013.01); **B03C 3/06** (2013.01); **B03C 3/10** (2013.01); **B03C 3/41** (2013.01); **B03C 3/49** (2013.01); **B03C 3/60** (2013.01); **B03C 3/64** (2013.01); **B03C 3/743** (2013.01); **B03C 3/76** (2013.01); **B03C 2201/04** (2013.01); **B03C 2201/08** (2013.01)

Citation (applicant)  
EP 1050341 B1 20060201 - FORSTHUBER PAUL [AT]

Cited by  
EP3702042A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 202007004263 U1 20070705**; EP 1958696 A2 20080820; EP 1958696 A3 20130424

DOCDB simple family (application)  
**DE 202007004263 U 20070320**; EP 08002717 A 20080215