

Title (en)
Electrofilter

Title (de)
Elektrofilter

Title (fr)
Electrofiltre

Publication
EP 1958696 A3 20130424 (DE)

Application
EP 08002717 A 20080215

Priority
• DE 202007002498 U 20070216
• DE 202007004263 U 20070320

Abstract (en)
[origin: DE202007004263U1] 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.

IPC 8 full level
B03C 3/02 (2006.01); **B03C 3/06** (2006.01); **B03C 3/10** (2006.01); **B03C 3/41** (2006.01); **B03C 3/49** (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 (search report)
• [XYI] DE 102005035539 A1 20070201 - REHAU AG & CO [DE]
• [X] DE 20115351 U1 20030220 - HENGST GMBH & CO KG [DE]
• [Y] WO 2004043603 A1 20040527 - SECR DEFENCE [GB], et al
• [Y] WO 0062936 A1 20001026 - FORTUM SERVICE OY [FI], et al
• [Y] EP 0433152 A1 19910619 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• [Y] US 2005199125 A1 20050915 - TAYLOR CHARLES E [US], et al
• [Y] JP S62234556 A 19871014 - FUJI ELECTRIC CO LTD
• [Y] JP H03186365 A 19910814 - DAIKIN IND LTD
• [Y] FR 2755882 A1 19980522 - POUR LE DEV DE L ANTIPOLLUTION [FR]
• [Y] GB 191319732 A 19150610 - MOELLER ERWIN [DE]
• [Y] DE 4421951 A1 19950105 - ALEKS TORGOVO PROMY FA [RU]
• [Y] US 6336961 B1 20020108 - TERAHI HIROSHI [JP], et al
• [Y] WO 9631281 A1 19961010 - SENEAL FILTER AB [SE], et al

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