

Title (en)  
Improved wet electrostatic precipitator

Title (de)  
Verbesserter elektrostatischer Nassfilter

Title (fr)  
Précipitateur électrostatique humide amélioré

Publication  
**EP 2614894 A1 20130717 (EN)**

Application  
**EP 12150927 A 20120112**

Priority  
EP 12150927 A 20120112

Abstract (en)  
Wet electrostatic precipitator for purifying a gas, comprising a plurality of vertically arranged tubular collector electrodes (2) made of a substantially porous membrane and a plurality of discharge electrodes (3) each being arranged along each of said vertical axis of said tubular collector electrodes (2).

IPC 8 full level  
**B03C 3/16** (2006.01); **B03C 3/41** (2006.01); **B03C 3/49** (2006.01); **B03C 3/53** (2006.01); **B03C 3/60** (2006.01)

CPC (source: EP)  
**B03C 3/16** (2013.01); **B03C 3/41** (2013.01); **B03C 3/49** (2013.01); **B03C 3/53** (2013.01); **B03C 3/60** (2013.01); **B03C 3/06** (2013.01); **B03C 2201/10** (2013.01)

Citation (applicant)  
• US 1968334 A 19340731 - CROWDER ALEXANDER N, et al  
• US 1393712 A 19211011 - STEERE FRANK W, et al  
• US 6231643 B1 20010515 - PASIC HAJRUDIN [US], et al  
• US 6783575 B2 20040831 - PASIC HAJRUDIN [US], et al  
• JP H06319937 A 19941122 - NAKAGAWA KENICHI  
• US 6783575 B2 20040831 - PASIC HAJRUDIN [US], et al  
• WO 03057371 A1 20030717 - BACT SYSTEM AB [SE], et al

Citation (search report)  
• [XYI] GB 807124 A 19590107 - STURTEVANT ENG CO LTD  
• [YD] US 1968334 A 19340731 - CROWDER ALEXANDER N, et al  
• [Y] DE 1557086 A1 19700430 - HEINRICH DR ING RICHARD F  
• [Y] DE 963868 C 19570516 - ZIEREN CHEMIEBAU GMBH DR A  
• [YD] US 6231643 B1 20010515 - PASIC HAJRUDIN [US], et al  
• [YD] US 6783575 B2 20040831 - PASIC HAJRUDIN [US], et al  
• [Y] US 1339480 A 19200511 - AUGUST SCHMIDT WALTER  
• [I] US 3238702 A 19660308 - DE SEVERSKY ALEXANDER P  
• [Y] US 2006226373 A1 20061012 - RAY ISAAC [US], et al  
• [Y] DE 102005023521 B3 20060629 - KARLSRUHE FORSCHZENT [DE]  
• [Y] US 5254155 A 19931019 - MENSI FRED E [US]  
• [Y] US 3124437 A 19640310

Cited by  
CN106999951A; EP2878377A1; CN104741278A; WO2016061290A1; WO2020238981A1; US10799884B2

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2614894 A1 20130717**

DOCDB simple family (application)  
**EP 12150927 A 20120112**