

Title (en)
Electrostatic separator

Title (de)
Elektrostatischer Abscheider

Title (fr)
Séparateur électrostatique

Publication
EP 2062648 A3 20130529 (DE)

Application
EP 08019885 A 20081114

Priority
• DE 102007056704 A 20071124
• DE 102008010371 A 20080221

Abstract (en)
[origin: EP2062648A2] The method involves feeding a quantity of electrical energy to an electrode (6) over an actual working time of an electrostatic separator (1) for producing a selected corona discharge. A portion of the amount of electrical energy is consumed for the corona discharge at the electrode to recharge gas particles. An independent claim is included for an electrostatic separator.

IPC 8 full level
B03C 3/68 (2006.01); **B03C 3/49** (2006.01)

CPC (source: EP)
B03C 3/41 (2013.01); **B03C 3/49** (2013.01); **B03C 3/68** (2013.01); **B03C 2201/06** (2013.01); **B03C 2201/32** (2013.01)

Citation (search report)
• [X] WO 2007051239 A1 20070510 - INDIGO TECHNOLOGIES GROUP PTY [AU], et al
• [X] WO 2004051689 A1 20040617 - KRONOS ADVANCED TECH INC [US], et al
• [XP] WO 2007142022 A1 20071213 - MATSUSHITA ELECTRIC WORKS LTD [JP], et al
• [X] DD 207339 A1 19840229 - RICHTER KARL
• [XP] EP 1872858 A2 20080102 - SIEMENS AG [DE]

Cited by
US9797864B2; WO2012162004A1

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)
EP 2062648 A2 20090527; EP 2062648 A3 20130529; EP 2062648 B1 20190619

DOCDB simple family (application)
EP 08019885 A 20081114