

Title (en)
GAS PURIFICATION

Title (de)
GASREINIGUNG

Title (fr)
PURIFICATION DE GAZ

Publication
EP 1765505 A1 20070328 (EN)

Application
EP 05752729 A 20050616

Priority
• SE 2005000927 W 20050616
• SE 0401751 A 20040705

Abstract (en)
[origin: WO2006004490A1] Method and device for separation of pollutants, especially particles from a gas flow (2). The gas flow is led through a plurality of parallel tubes (42) which each comprise a substantially coaxial electrode (43) whereby a voltage is established between the electrodes and the tubes. The tubes are preferably maintained at earth potential and the electrodes (43) are supplied with a negative potential. The tubes (42) are disposed substantially vertically. The flue gas is introduced into the tubes in a substantially saturated state and is preferably led upwards through the tubes. The tubes are cooled externally and the condensate formed on the inside of the tubes flows down along the inside of the pipe walls, is gathered and is subjected to cleaning (Fig. 2).

IPC 8 full level
B03C 3/014 (2006.01); **B03C 3/06** (2006.01); **B03C 3/16** (2006.01)

IPC 8 main group level
B03C (2006.01)

CPC (source: EP SE)
B03C 3/014 (2013.01 - EP SE); **B03C 3/06** (2013.01 - EP); **B03C 3/16** (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006004490 A1 20060112; EP 1765505 A1 20070328; SE 0401751 D0 20040705; SE 0401751 L 20051115; SE 526864 C2 20051115

DOCDB simple family (application)
SE 2005000927 W 20050616; EP 05752729 A 20050616; SE 0401751 A 20040705