

Title (en)  
ELECTROSTATIC PRECIPITATOR

Title (de)  
ELEKTROSTATISCHER ABSCHIEDER

Title (fr)  
DÉPOUSSIÉREUR ÉLECTROSTATIQUE

Publication  
**EP 3250324 A1 20171206 (EN)**

Application  
**EP 16706979 A 20160128**

Priority

- GB 201501427 A 20150128
- EP 2016051855 W 20160128

Abstract (en)  
[origin: WO2016120416A1] An electrostatic precipitator for removing pollution from exhaust air. The precipitator comprises at least one pair of electrodes (10, 12) with at least one gap between the electrodes through which air may flow. The electrodes (10, 12) are connected to a generating circuit (20) which generates a potential difference between corresponding electrodes (10, 12), and a measuring means (36) to measure the potential difference between corresponding electrodes. The measuring means (36) is connected to the generating circuit (20), so that the generating circuit (20) can vary a current supplied to the electrodes (10, 12), so that the potential difference between corresponding electrodes (10, 12) is maintained within a predetermined range.

IPC 8 full level  
**B03C 3/68** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)  
**B03C 3/68** (2013.01); **B03C 2201/24** (2013.01); **Y02A 50/2351** (2017.12)

Citation (search report)  
See references of WO 2016120416A1

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)  
**WO 2016120416 A1 20160804**; EP 3250324 A1 20171206; GB 201501427 D0 20150311

DOCDB simple family (application)  
**EP 2016051855 W 20160128**; EP 16706979 A 20160128; GB 201501427 A 20150128