

Title (en)

INTAKE AND FILTERING DEVICE FOR FINE PARTICULATES PRESENT IN THE AIR

Title (de)

EINLASS- UND FILTERVORRICHTUNG FÜR IN DER LUFT VORHANDENE FEINE PARTIKELFÖRMIGE STOFFE

Title (fr)

DISPOSITIF D'ADMISSION ET DE FILTRATION POUR LES PARTICULES FINES PRÉSENTES DANS L'AIR

Publication

EP 2389234 A1 20111130 (EN)

Application

EP 09768233 A 20091123

Priority

- IB 2009055281 W 20091123
- IT PD20090011 A 20090120

Abstract (en)

[origin: WO2010084385A1] The invention is a device for filtering the air in the atmosphere and abating polluting substances like fine particulates, comprising one or more means (C, D) for filtering an air flow (Wi), at least one intake (A) for sucking the air (Wi) conveyed to said filtering means (C, D) and at least one outlet (F) for the filtered air (Wu), a frame or body (U) suited to contain said filtering means (C, D) and to be installed on the roof of transport vehicles (1) like buses, streetcars or other means of transport.

IPC 8 full level

B01D 46/18 (2006.01); **B01D 46/00** (2006.01); **B01D 46/44** (2006.01); **B01D 46/46** (2006.01); **B03C 3/155** (2006.01); **B03C 3/72** (2006.01)

CPC (source: EP)

B01D 46/0032 (2013.01); **B01D 46/0041** (2013.01); **B01D 46/0084** (2013.01); **B01D 46/0086** (2013.01); **B01D 46/18** (2013.01);
B01D 46/4245 (2013.01); **B01D 46/44** (2013.01); **B01D 46/46** (2013.01); **B03C 3/017** (2013.01); **B03C 3/10** (2013.01); **B03C 3/155** (2013.01);
B03C 3/366 (2013.01); **B03C 3/64** (2013.01); **B01D 2273/26** (2013.01); **B01D 2279/40** (2013.01); **Y02A 50/2351** (2017.12)

Citation (search report)

See references of WO 2010084385A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010084385 A1 20100729; EP 2389234 A1 20111130; IT 1392718 B1 20120316; IT PD20090011 A1 20100721

DOCDB simple family (application)

IB 2009055281 W 20091123; EP 09768233 A 20091123; IT PD20090011 A 20090120