

Title (en)  
Screen installation with air cleaning modules

Title (de)  
Lärmschutzwand mit Luftreinigungsmodulen

Title (fr)  
Mur de protection accoustique avec modules de purification d'air

Publication  
**EP 2243882 A1 20101027 (EN)**

Application  
**EP 10161066 A 20100426**

Priority  
NL 2002801 A 20090424

Abstract (en)  
A screen installation for a traffic route comprises a vertical carrier and an electrostatic collecting device connected to the carrier to collect particles, such as fine dust, contained in the environment. The collecting device comprises at least one module with a collecting material which is electrostatic or can be induced into an electrostatic state. The module and the carrier are detachably connected to one another by means of detachable fixing means. The module can be fitted in a simple manner at a required position along the carrier. Once the electrostatic cleaning means have become contaminated, the module can be quickly and simply exchanged.

IPC 8 full level  
**E01F 8/00** (2006.01)

CPC (source: EP)  
**B03C 3/28** (2013.01); **E01F 8/0005** (2013.01); **E01F 8/0058** (2013.01)

Citation (applicant)  
WO 2007100254 A1 20070907 - UNIV DELFT TECH [NL], et al

Citation (search report)

- [X] JP H06248616 A 19940906 - ICHINOSE HIROOMI
- [X] JP 2003170015 A 20030617 - SEKISUI JUSHI KK
- [A] WO 2008146962 A1 20081204 - TAEGEON CORP [KR], et al
- [A] JP H10331116 A 19981215 - TAKENAKA KOMUTEN CO, et al
- [A] EP 0567040 A1 19931027 - WITTING GERHARD [DE]

Citation (examination)

- JP H06248616 A 19940906 - ICHINOSE HIROOMI
- EP 2053164 A1 20090429 - KONINK BAM GROEP NV [NL]

Cited by  
CN112774362A; CN110258369A; FR3092855A1; JP2015168960A; JP2020028852A; JP2018188809A; WO2020165549A1

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

Designated extension state (EPC)  
AL BA ME RS

DOCDB simple family (publication)  
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