

Title (en)  
ROAD-SWEEPING VEHICLE

Title (de)  
STRASSENKEHRFAHRZEUG

Title (fr)  
VÉHICULE DE BALAYAGE DE ROUTE

Publication  
**EP 3375937 A1 20180919 (EN)**

Application  
**EP 18155486 A 20180207**

Priority  
GB 201704254 A 20170317

Abstract (en)  
Suction-type cleaning vehicle (100) having an independent liquid-based filtration system (141) to remove dust particles from exhaust air. The exhaust air may be from a debris suction mechanism, in which an air flow draws debris into a collection chamber . The liquid-based filtration system can act as an additional filter to remove dust that gets past the collection chamber (132), so that any dust which was not deposited in the collection chamber is prevented from escaping to the atmosphere. This can greatly reduce the amount of dust present in air emitted from the debris suction mechanism.

IPC 8 full level  
**E01H 1/08** (2006.01)

CPC (source: EP GB)  
**E01H 1/08** (2013.01 - GB); **E01H 1/0845** (2013.01 - EP)

Citation (search report)

- [XYI] GB 191025003 A 19111005 - CATCHPOLE SEPTIMUS
- [XAYI] US 4251241 A 19810217 - BOTHUN EUGENE L
- [XYI] DE 2221201 A1 19731108 - FAUN KOMMUNALFAHRZEUGE GMBH &
- [XYI] CN 2030622 U 19890111 - ZHOU BIN [CN]
- [XAI] CN 205411088 U 20160803 - GUANGZHOU LIYANG MACHINERY EQUIPMENT CO LTD

Cited by  
CN110158521A; CN110284448A; CN111395236A; CN111705727A; CN111088772A; CN110258408A; CN111877237A

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)  
**EP 3375937 A1 20180919; EP 3375937 B1 20200408**; GB 201704254 D0 20170503; GB 2564074 A 20190109

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**EP 18155486 A 20180207**; GB 201704254 A 20170317