

Title (en)  
Road sweeping vehicle

Title (de)  
Kehrfahrzeug

Title (fr)  
Balayeuse de voirie

Publication  
**EP 2476807 A3 20141029 (EN)**

Application  
**EP 11168579 A 20110602**

Priority  
GB 201100521 A 20110112

Abstract (en)  
[origin: GB2477605A] The road sweeping vehicle comprises a wheeled chassis which supports a debris suction mechanism that generates an air flow for entraining debris between an inlet suction port 122 located between front and rear wheels 104,106 and an outlet exhaust port 140, with a collection chamber 132 between the inlet and outlet ports collecting the entrained debris. A selectively operable blow mechanism comprises an intake port located downstream of the collection chamber on the flow path and a blow nozzle 144 mounted forwardly of the front wheels. The intake port of the blow mechanism preferably comprises an aperture in the housing 116 of a fan which generates the air flow of the suction mechanism, with a selectively operable valve preferably acting to stop or allow air flow from the aperture and through a conduit 146 to the blow nozzle. A selectively pivotable baffle may be located between the fan housing and the outlet port.

IPC 8 full level  
**E01H 1/08** (2006.01); **A46D 3/04** (2006.01)

CPC (source: EP GB)  
**A46D 3/042** (2013.01 - EP); **E01H 1/08** (2013.01 - EP); **E01H 1/0809** (2013.01 - EP); **E01H 1/0845** (2013.01 - EP);  
**E01H 1/0872** (2013.01 - EP GB); **E01H 5/04** (2013.01 - GB)

Citation (search report)  
• [AD] US 7621018 B2 20091124 - LIBHART ANTHONY [US]  
• [A] US 3959846 A 19760601 - YASUDA HARUMA  
• [AD] GB 2276853 A 19941012 - JOHNSTON ENG LTD [GB]

Cited by  
CN108505478A; CN106836093A; CN110438924A; CN104863078A; CN104153318A; CN104863076A; CN108343016A

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)  
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**GB 201100521 D0 20110223**; **GB 2477605 A 20110810**; **GB 2477605 B 20120201**; EP 2476807 A2 20120718; EP 2476807 A3 20141029;  
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