

Title (en)
Road sweeping vehicle

Title (de)
Kehrfahrzeug

Title (fr)
Balayeuse de voirie

Publication
EP 2476807 A2 20120718 (EN)

Application
EP 11168579 A 20110602

Priority
GB 201100521 A 20110112

Abstract (en)
A suction-type road sweeping vehicle (100) with a forward air blast capability formed using a blow mechanism (142), which redirects an exhaust flow of a rearward debris suction mechanism (114) to a blow nozzle (144) mounted forwardly of the front wheels (104) of the vehicle. The blow mechanism acts to blow material away from the path of the vehicle before the vehicle passes, whereafter the suction mechanism performs conventional cleaning on the cleared path. The direction of the blow nozzle may be controllable from the driver's cab of the vehicle.

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 (applicant)
• US 7621018 B2 20091124 - LIBHART ANTHONY [US]
• GB 2276853 A 19941012 - JOHNSTON ENG LTD [GB]

Cited by
CN108505478A; CN106836093A; CN104863078A; CN110438924A; 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)
BA ME

DOCDB simple family (publication)
GB 201100521 D0 20110223; **GB 2477605 A 20110810**; **GB 2477605 B 20120201**; EP 2476807 A2 20120718; EP 2476807 A3 20141029;
EP 2476807 B1 20160810

DOCDB simple family (application)
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