

Title (en)
DUST CONTROL SYSTEM

Title (de)
STAUBBEKÄMPFUNGSSYSTEM

Title (fr)
SYSTEME DE DEPOUSSIERAGE

Publication
EP 1825066 B1 20130508 (EN)

Application
EP 05813598 A 20051206

Priority
• GB 2005004683 W 20051206
• GB 0426710 A 20041206

Abstract (en)
[origin: GB2420813A] The method, for use in road cleaning machines, comprises wetting the internal walls of the cyclone unit so that dirt or dust sticks to the water on the walls. The walls may comprise the walls of a hopper 16 and be welled by a coarse water spray, which may be provided substantially at the air/dirt inlet of the hopper. The sprayed water may be treated to reduce its surface tension with soap, a detergent or an antibacterial agent. An atomiser 42 may be provided to atomise water into the path of the air and dirt, either within the hopper or prior to the air/dirt entering the suction pipe on the road cleaning machine. Also claimed is a road cleaning machine and a retrofit kit for a road cleaning machine.

IPC 8 full level
E01H 1/08 (2006.01); **A47L 9/16** (2006.01); **A47L 11/24** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP GB US)
A47L 9/1608 (2013.01 - EP US); **A47L 11/24** (2013.01 - EP US); **A47L 11/4013** (2013.01 - EP US); **A47L 11/4088** (2013.01 - EP US);
E01H 1/08 (2013.01 - GB); **E01H 1/0827** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
GB 0524867 D0 20060111; **GB 2420813 A 20060607**; AU 2005313181 A1 20060615; AU 2005313181 B2 20101216; CA 2589913 A1 20060615; CA 2589913 C 20150127; CN 101137793 A 20080305; CN 101137793 B 20110316; EP 1825066 A1 20070829; EP 1825066 B1 20130508; GB 0426710 D0 20050112; US 2009300870 A1 20091210; WO 2006061602 A1 20060615

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