

Title (en)
ROAD SWEEPING MACHINE

Title (de)
KEHRFAHRZEUG

Title (fr)
BALAYEUSE

Publication
EP 0857238 B1 19990602 (DE)

Application
EP 95937823 A 19951023

Priority
EP 9504150 W 19951023

Abstract (en)
[origin: WO9715730A1] The invention relates to a road sweeping machine (1) having a chassis (2) with unguided rear wheels (3) and guided front wheels (4), having an engine (5) arranged substantially above and driving the rear wheels (3), having a seat (9) adjacent the engine (5) and having a sweeping roller (10) arranged on the underside of the chassis (2) between the front and rear wheels and at right angles to the direction of travel, and having a dirt collector (11). The object of the invention is to construct the road sweeping machine in such a manner that it is compact and structurally simple, and demonstrates a good sweeping action when there is a low amount of dust. The object is attained in that the dirt collector (11) is arranged between the front wheels and the rear wheels and adjacent the sweeping roller and is connected by way of a suction line (13) to a suction unit (14), and the engine (5) is arranged with a substantially vertical drive shaft which protrudes from the motor at the top (6) and the bottom (7), and the section protruding at the top drives the suction unit (14) while the section protruding at the bottom drives the rear wheels (3) and the sweeping roller (10).

IPC 1-7
E01H 1/08

IPC 8 full level
E01H 1/08 (2006.01)

CPC (source: EP US)
E01H 1/0827 (2013.01 - EP US); **E01H 1/0854** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9715730 A1 19970501; DE 59506126 D1 19990708; EP 0857238 A1 19980812; EP 0857238 B1 19990602; US 5901409 A 19990511

DOCDB simple family (application)
EP 9504150 W 19951023; DE 59506126 T 19951023; EP 95937823 A 19951023; US 6442398 A 19980422