

Title (en)
Manually-operated sweeper

Title (de)
Manuell betriebene Bodenkehrmaschine

Title (fr)
Balayeuse actionnée manuellement

Publication
EP 1707679 A1 20061004 (EN)

Application
EP 06101238 A 20060203

Priority
IT PD20050011 U 20050301

Abstract (en)
A manually-operated sweeper, of the type constituted by a wheeled chassis (11) with a steering handlebar (12) and with which a dirt collection container (13) is associated; the rear wheels (14) of the chassis (11) actuate, by means of a first transmission, a first brush (15), which has a horizontal axis which is parallel to the axis of the rear wheels (14) and is adapted to act on the surface that lies below the chassis (11), and, by means of a second transmission, a second brush (16), which has a vertical axis and is supported by an arm (17) which protrudes in front of the chassis (11). The sweeper (10) also has, proximate to the first brush (15), a fan (18) for aspirating fine dust raised by the action of the first and second brushes (15, 16) toward a filter (19) located inside a protective housing (20) at an opening leading externally (21) for the escape of the filtered air. The fan (18) is turned by way of transmission devices actuated by the motion of at least one of the rear wheels (14), therefore without electric motor drives.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

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