

Title (en)
DEDUSTING METHOD AND CORRESPONDING DEDUSTING DEVICE

Title (de)
ENTSTAUBUNGSVERFAHREN UND ENTSPRECHENDE ENTSTAUBUNGSEINRICHTUNG

Title (fr)
PROCEDE DE DEPOUSSIERAGE, ET DISPOSITIF DE DEPOUSSIERAGE CORRESPONDANT

Publication
EP 2185297 A1 20100519 (DE)

Application
EP 08838142 A 20081001

Priority
• EP 2008008321 W 20081001
• DE 102007047190 A 20071002

Abstract (en)
[origin: WO2009046916A1] The invention relates to a dedusting method for the dry or moist dedusting of components, particularly for dedusting chassis parts of motor vehicles with a sword brush, comprising the following steps: (a) positioning a dedusting tool driven by a drive motor (7) in a predetermined dedusting position (PTEACH) such that the dedusting tool touches and dedusts the component (6) to be dedusted, (b) determining a first operating variable (MIST) of the drive motor (7) of the dedusting tool when positioning the dedusting tool in the predetermined dedusting position (PK0RR), wherein the first operating variable (MIST) reflects the mechanical load of the drive motor (7) due to the contact with the component to be dedusted, (c) calculating a corrected dedusting position (PK0RR) as a function of the predetermined dedusting position (PK0RR) and the first operating variable (MIST) of the drive motor (7), and (d) positioning the dedusting tool into the corrected dedusting position (PK0RR). The invention further relates to a corresponding dedusting device.

IPC 8 full level
B08B 1/00 (2006.01); **A46B 3/18** (2006.01); **A46B 13/02** (2006.01); **B08B 1/04** (2006.01)

CPC (source: EP KR US)
A46B 3/18 (2013.01 - EP KR US); **A46B 13/02** (2013.01 - EP KR US); **B08B 1/00** (2013.01 - KR); **B08B 1/30** (2024.01 - EP US); **B08B 1/32** (2024.01 - KR); **A46B 2200/3026** (2013.01 - EP US); **A46B 2200/3046** (2013.01 - EP US)

Citation (search report)
See references of WO 2009046916A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009046916 A1 20090416; CN 101815585 A 20100825; CN 101815585 B 20130123; DE 102007047190 A1 20090514; EP 2185297 A1 20100519; EP 2185297 B1 20120627; ES 2389829 T3 20121102; KR 101577996 B1 20151217; KR 20100077170 A 20100707; PL 2185297 T3 20121130; PT 2185297 E 20120911; US 2010242991 A1 20100930; US 8298342 B2 20121030

DOCDB simple family (application)
EP 2008008321 W 20081001; CN 200880110247 A 20081001; DE 102007047190 A 20071002; EP 08838142 A 20081001; ES 08838142 T 20081001; KR 20107008585 A 20081001; PL 08838142 T 20081001; PT 08838142 T 20081001; US 68126408 A 20081001