

Title (en)
WORKING MACHINE FOR MOBILE CLEANING

Title (de)
ARBEITSMASCHINE UND VERFAHREN ZUR MOBILEN REINIGUNG

Title (fr)
MACHINE DE TRAVAIL SERVANT AU NETTOYAGE MOBILE

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EP 3307584 A2 20180418 (DE)

Application
EP 16748258 A 20160609

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Abstract (en)
[origin: WO2016198044A2] The invention relates to a working machine for the mobile cleaning of substantially horizontal surfaces, comprising at least one sweeping device that can be raised and lowered and a suction device as auxiliary devices as well as a driving device, wherein the suction device and the driving device comprise electric drives powered by at least one battery. The aim of the invention is to propose possibilities for operating a sweeping machine in order to provide intelligent and environmentally-friendly machine cleaning of urban surfaces, in particular in sensitive areas, by safer and quieter operation. The object is achieved in that the sweeping device also includes an electric drive, in that an energy management system is provided and the sweeping device, the suction device and the driving device as well as a vehicle electrical system and an air conditioning system can be connected to the energy management system for control purposes, in that a cleaning management system is provided and the sweeping device, the suction device and the driving device can be connected to the cleaning management system for control purposes, in that a safety management system is provided and the sweeping device, the suction device and the driving device as well as the vehicle electrical system can be connected to the safety management system for control purposes.

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