

Title (en)
Electric sweeping washing device

Title (de)
Elektrische Wisch-Waschmaschine

Title (fr)
Dispositif de lavage par balayage électrique

Publication
EP 2801311 A1 20141112 (EN)

Application
EP 14154690 A 20140211

Priority
TW 102208447 U 20130507

Abstract (en)
An electric sweeping washing device includes a sweeping washing brush and a water collection treatment structure. The sweeping washing brush includes: a body; a sweeping roller brush disposed anteriorly at the body; and a dust collecting box for raking dust; a water absorbing scrubbing roller brush disposed posteriorly at the body; a sprinkler head; and a water absorbing scraper for absorbing water from the water absorbing scrubbing roller brush and raking dirty water. The water collection treatment structure includes: a tank divided into a clean water chamber and the dirty water chamber, wherein the sprinkler head, the clean and dirty water chambers, a water absorbing scraper, and the dust collecting box are connected via tubes; a spray motor for withdrawing clean water from the clean water chamber and delivering it to the sprinkler head; and an air intake motor for providing vacuum pressure to the dirty water chamber.

IPC 8 full level
A47L 1/02 (2006.01); **A47L 1/05** (2006.01)

CPC (source: EP)
A47L 1/02 (2013.01); **A47L 11/34** (2013.01); **A47L 11/4041** (2013.01); **A47L 11/4044** (2013.01); **A47L 11/4083** (2013.01); **A47L 11/4088** (2013.01)

Citation (search report)
• [A] US 2005246853 A1 20051110 - PIERCE PAUL M [US], et al
• [A] US 5907887 A 19990601 - MANSUR PIERRE G [US]

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CN109589053A; CN113133727A; CN107700395A; CN107616754A; CN114010109A; CN108792522A; CN114378650A; CN112656300A; CN113243852A; FR3125953A1; US10052007B2; WO2017059600A1; US10039431B1; US10729303B2; WO2017059603A1; US10022032B1; US10136781B2; US10786134B2; US10912436B2

Designated contracting state (EPC)
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BA ME

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EP 14154690 A 20140211; TW 102208447 U 20130507