

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]

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

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2801311 A1 20141112; EP 2801311 B1 20170405; TW M469037 U 20140101**

DOCDB simple family (application)  
**EP 14154690 A 20140211; TW 102208447 U 20130507**