

Title (en)
A MULTI-ORIENTATION CLEANING DEVICE

Title (de)
REINIGUNGSVORRICHTUNG MIT MEHREREN AUSRICHTUNGEN

Title (fr)
DISPOSITIF DE NETTOYAGE À ORIENTATION MULTIPLE

Publication
EP 3725207 A3 20201202 (EN)

Application
EP 20151451 A 20200113

Priority
US 201916251769 A 20190118

Abstract (en)
A cleaning device and method of cleaning are provided. The cleaning device includes a power source and a pump in selective electrical communication with the power source. A storage container is provided. A valve assembly is disposed in the storage container and in fluid communication with the pump, the valve assembly being configured to selectively flow cleaning fluid from a first portion and a second portion of the storage container. A cleaning element having a spray nozzle is in fluid communication with the pump.

IPC 8 full level
A47L 13/22 (2006.01)

CPC (source: EP)
A47L 13/22 (2013.01); **A47L 13/254** (2013.01); **A47L 13/46** (2013.01); **B05B 15/30** (2018.02); **B05B 1/3006** (2013.01); **B05B 9/0861** (2013.01); **B05B 15/40** (2018.02)

Citation (search report)

- [IA] US 2012047677 A1 20120301 - PALIOBEIS STEVEN J [US], et al
- [A] US 2014041147 A1 20140213 - PAGORIA CHAD [US], et al
- [A] US 2003089383 A1 20030515 - BIGGS BLYTH S [US]

Cited by
CN115555361A

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 3725207 A2 20201021; **EP 3725207 A3 20201202**; **EP 3725207 B1 20240410**; **EP 3725207 C0 20240410**; EP 4397226 A2 20240710; ES 2978569 T3 20240916

DOCDB simple family (application)
EP 20151451 A 20200113; EP 24169306 A 20200113; ES 20151451 T 20200113