

Title (en)  
WET FLOOR CLEANER

Title (de)  
NASSBODENREINIGER

Title (fr)  
DISPOSITIF DE NETTOYAGE DE SOL HUMIDE

Publication  
**EP 4091513 A1 20221123 (EN)**

Application  
**EP 21174655 A 20210519**

Priority  
EP 21174655 A 20210519

Abstract (en)  
A rotary brush (14) for a wet floor cleaner has a cylindrical inner core (40) and a cleaning member disposed around an outer surface of the inner core (40). The inner core comprises at least one rib (48) projecting inwardly from an inner surface (44) and extending along a length of the inner surface parallel to the cylinder axis. This is used to transfer torque from a motor (120), which is preferably housed within the inner core, to the brush, while taking up a minimum amount of space.

IPC 8 full level  
**A47L 5/30** (2006.01); **A47L 7/00** (2006.01); **A47L 9/04** (2006.01)

CPC (source: EP)  
**A46B 13/001** (2013.01); **A46B 13/02** (2013.01); **A47L 7/0004** (2013.01); **A47L 9/0411** (2013.01); **A47L 9/0427** (2013.01); **A47L 9/0477** (2013.01); **A47L 11/302** (2013.01); **A47L 11/4041** (2013.01); **A47L 11/4069** (2013.01)

Citation (applicant)  
EP 2672872 A1 20131218 - KONINKL PHILIPS NV [NL]

Citation (search report)  
• [XAI] DE 202014001492 U1 20140617 - ALLCLEAN REINIGUNGS UND UMWELT TECHNIK GMBH [DE]  
• [AD] EP 2484261 A1 20120808 - KONINKL PHILIPS ELECTRONICS NV [NL]  
• [A] WO 2006061044 A1 20060615 - KAERCHER GMBH & CO KG ALFRED [DE], et al

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4091513 A1 20221123**; CN 117651515 A 20240305; EP 4340688 A1 20240327; WO 2022243086 A1 20221124

DOCDB simple family (application)  
**EP 21174655 A 20210519**; CN 202280050347 A 20220509; EP 2022062483 W 20220509; EP 22728441 A 20220509