

Title (en)  
FLOOR CLEANING DEVICE

Title (de)  
BODENPFLEGEGERÄT

Title (fr)  
APPAREIL D'ENTRETIEN DU SOL

Publication  
**EP 2944245 B1 20170215 (DE)**

Application  
**EP 15166371 A 20150505**

Priority  
• DE 102014006682 A 20140506  
• DE 102014010098 A 20140705

Abstract (en)  
[origin: CA2890795A1] Disclosed is a floor-treating appliance as vacuum cleaners, with a facing the bottom cleaner head for receiving a driven brush roller with an overload protection, whereby on a shaft a drive pulley is rotatably mounted and the shaft has a rotationally fixed driven member to the brush roller, and the drive pulley via a torsion spring with a clutch disc is coupled that is axially displaceable on the shaft and coupled by entrainment in rotation with the shaft, and are formed on the drive disc ramps adjusted above a torque threshold the clutch plate with the corresponding ramps by relative rotation axially, and by the actuating movement via a corresponding switching element is a circuit arrangement, a safety shutdown controllable.

IPC 8 full level  
**A47L 9/04** (2006.01); **A47L 9/28** (2006.01); **A47L 9/30** (2006.01)

CPC (source: EP US)  
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**A47L 9/2831** (2013.01 - EP US); **A47L 9/2847** (2013.01 - EP US); **A47L 9/2857** (2013.01 - EP US); **A47L 9/2889** (2013.01 - EP US);  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2944245 A1 20151118; EP 2944245 B1 20170215**; CA 2890795 A1 20151106; CA 2890795 C 20221004; DE 102014010098 A1 20151112;  
DE 102014010098 B4 20170720; US 2015320277 A1 20151112; US 9560945 B2 20170207

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