

Title (en)  
STRIPPING DEVICE FOR A FLOOR CLEANING MACHINE

Title (de)  
ABSTREIFERVORRICHTUNG FÜR EINE BODENREINIGUNGSMASCHINE

Title (fr)  
DISPOSITIF DE RACLOIR POUR UNE MACHINE DE NETTOYAGE DU SOL

Publication  
**EP 3424397 B1 20191127 (DE)**

Application  
**EP 17179773 A 20170705**

Priority  
EP 17179773 A 20170705

Abstract (en)  
[origin: CN109199257A] Scraper device (1) for a floor cleaning machine (2) comprising a holding device (3) which can be fastened to the floor cleaning machine (2) and a suction nozzle (4) which can be releasably coupled to the holding device (3), wherein the holding device (3) comprises a first coupling part (12) and the suction nozzle (4) comprises a second coupling part (15), wherein one of the first and second coupling parts (14, 15) comprises a first magnet (16) and the other of the first and second coupling parts (14, 15) comprises a second magnet (17) or a ferromagnetic part, wherein one of the first and second coupling parts (14, 15) is designed as a female coupling structure (18) and the other of the first and second coupling parts (14, 15) is designed as a male coupling structure (19), wherein the female and male coupling structures (18, 19) are releasably engageable with each other in the forward movement direction (X) and faces the top surface (13) of the suction nozzle (4) and are shape-fittedly connected to each other transverse to the forward movement direction (X).

IPC 8 full level  
**A47L 11/30** (2006.01); **A47L 11/40** (2006.01); **A47L 13/11** (2006.01)

CPC (source: CN EP)  
**A47L 11/28** (2013.01 - CN); **A47L 11/30** (2013.01 - EP); **A47L 11/40** (2013.01 - EP); **A47L 11/4036** (2013.01 - CN); **A47L 11/4044** (2013.01 - EP); **A47L 13/11** (2013.01 - EP)

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

DOCDB simple family (publication)  
**EP 3424397 A1 20190109**; **EP 3424397 B1 20191127**; CN 109199257 A 20190115; DK 3424397 T3 20200302; PL 3424397 T3 20200518

DOCDB simple family (application)  
**EP 17179773 A 20170705**; CN 201810732706 A 20180705; DK 17179773 T 20170705; PL 17179773 T 20170705