

Title (en)
CLEANING HEADS AND VACUUM CLEANERS COMPRISING SAME

Title (de)
REINIGUNGSKÖPFE UND STAUBSAUGER DAMIT

Title (fr)
TÊTES DE NETTOYAGE ET ASPIRATEURS LES COMPRENANT

Publication
EP 4003121 A1 20220601 (EN)

Application
EP 20843051 A 20200724

Priority
• HK 19127217 A 20190724
• IB 2020057010 W 20200724

Abstract (en)
[origin: WO2021014416A1] A cleaning head (100, 200) comprising: a suction interface; a suction network connected to the suction interface, the suction network comprising a waste collection port and a waste container (150, 250) interconnecting the suction interface and the waste collection port; a suction compartment in fluid communication with the waste collection port, the suction compartment comprising an elongate entry aperture; a roller cleaner (120, 220) mounted inside the suction compartment, the roller cleaner (120, 220) having an elongate outer surface portion protruding through the elongate entry aperture; a machine compartment (260) inside which a drive mechanism (266) and electronic circuitry (262) are mounted; a storage portion comprising a cleaning liquid container (140, 240) and the waste container (150, 250) mounted on a storage receptacle (118); a cleaning liquid applicator configured to draw cleaning liquid from the cleaning liquid container (140, 240) and to apply the cleaning liquid to the roller cleaner (120, 220), and a waste remover configured to physically interact with the roller cleaner (120, 220) to remove waste therefrom.

IPC 8 full level
A47L 11/30 (2006.01); **A47L 11/292** (2006.01)

CPC (source: EP US)
A47L 5/30 (2013.01 - US); **A47L 7/0023** (2013.01 - US); **A47L 9/0405** (2013.01 - US); **A47L 9/0477** (2013.01 - EP US);
A47L 9/1409 (2013.01 - US); **A47L 9/2847** (2013.01 - US); **A47L 9/2868** (2013.01 - US); **A47L 11/20** (2013.01 - EP); **A47L 11/302** (2013.01 - EP);
A47L 11/4016 (2013.01 - EP); **A47L 11/4088** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2021014416 A1 20210128; CN 114007479 A 20220201; EP 4003121 A1 20220601; EP 4003121 A4 20220928;
US 2022240736 A1 20220804

DOCDB simple family (application)
IB 2020057010 W 20200724; CN 202080044781 A 20200724; EP 20843051 A 20200724; US 202017621702 A 20200724