

Title (en)

WET CLEANING APPARATUS AND CLEANER HEAD

Title (de)

NASSREINIGUNGSGERÄT UND REINIGUNGSKOPF

Title (fr)

APPAREIL DE NETTOYAGE PAR VOIE HUMIDE ET TÊTE DE DISPOSITIF DE NETTOYAGE

Publication

EP 4209159 A1 20230712 (EN)

Application

EP 22150888 A 20220111

Priority

EP 22150888 A 20220111

Abstract (en)

Provided is a wet cleaning apparatus (278) comprising a cleaner head (100). The cleaner head has at least one dirt inlet (142A), and a porous material (168) comprising a porous material layer sealingly attached to the at least one dirt inlet. The wet cleaning apparatus also comprises an underpressure generator arrangement (280) comprising an underpressure generator (178). The underpressure generator has an underpressure generator outlet. The underpressure generator is activatable to provide a flow from the at least one dirt inlet to and through the underpressure generator outlet, and deactivatable to cease the flow. The underpressure generator arrangement is configured to restrict the passage of fluid from the underpressure generator outlet towards the at least one dirt inlet at least when the underpressure generator is deactivated. In another aspect, a cleaner head includes a valve assembly configured to restrict backflow towards a porous material layer sealingly attached to dirt inlet(s).

IPC 8 full level

A47L 9/06 (2006.01); **A47L 11/30** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)

A47L 9/0686 (2013.01); **A47L 11/30** (2013.01); **A47L 11/4044** (2013.01)

Citation (search report)

- [Y] KR 940001037 Y1 19940225 - SAMSUNG ELECTRONICS CO LTD [KR]
- [Y] EP 3366182 A1 20180829 - KONINKLIJKE PHILIPS NV [NL]
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- [Y] DE 3143355 A1 19830511 - MAY & LIPFERT [DE]
- [Y] US 2020187737 A1 20200618 - CROGGON HUGH JAMES [GB], et al
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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 4209159 A1 20230712

DOCDB simple family (application)

EP 22150888 A 20220111