

Title (en)
WASHING MACHINE

Title (de)
WASCHMASCHINE

Title (fr)
LAVE-LINGE

Publication
EP 3960923 A1 20220302 (EN)

Application
EP 21191257 A 20210813

Priority
CN 202010903896 A 20200901

Abstract (en)
The present invention provides a washing machine, including a treating agent input device (4). The treating agent input device (4) includes an independent treating agent container (5). A pressing-type suction device is mounted on the treating agent container. The suction device includes a reciprocating pressure head (12) and a conveying channel (13) connected to the pressure head and in fluid communication with the treating agent container (5). The pressure head (12) includes a liquid outlet (14). A pressure applying device controlled by a control device is disposed opposite to the pressure head, and can push the pressure head (12) to move in a direction towards the treating agent container, to pump a treating agent out of the treating agent container. The independent treating agent container (5) may be taken out of the mounting chamber, which is convenient for overall replacement, or addition of the treating agent to the treating agent container (5). The treating agent is not in direct contact with any electrical device, so that sealing requirements do not need to be considered, and the complexity of assembly is reduced.

IPC 8 full level
D06F 39/02 (2006.01); **A47K 5/12** (2006.01); **D06F 105/42** (2020.01)

CPC (source: CN EP)
B05B 11/1052 (2023.01 - EP); **D06F 34/14** (2020.02 - CN); **D06F 39/02** (2013.01 - CN); **D06F 39/022** (2013.01 - CN EP); **B05B 11/028** (2023.01 - EP); **D06F 33/37** (2020.02 - EP); **D06F 2105/42** (2020.02 - CN EP)

Citation (search report)

- [XYI] US 8171757 B2 20120508 - DAHLKE DIRK [DE]
- [XYI] EP 3572575 A1 20191127 - SAMSUNG ELECTRONICS CO LTD [KR]
- [YA] EP 3550064 A1 20191009 - SAMSUNG ELECTRONICS CO LTD [KR]
- [Y] US 2010071777 A1 20100325 - SMITH CHRISTOPHER LAWRENCE [US], et al
- [Y] KR 20100007472 U 20100722
- [A] EP 2011913 A1 20090107 - ELECTROLUX HOME PROD CORP [BE]

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)
EP 3960923 A1 20220302; CN 114108265 A 20220301

DOCDB simple family (application)
EP 21191257 A 20210813; CN 202010903896 A 20200901