

Title (en)
WASHING MACHIINE HAVING AN IMPROVED VALVE/FILTER ASSEMBLY

Title (de)
WASCHMASCHINE MIT EINEM FILTERELEMENT UND EINEM KLAPPENVENTIL

Title (fr)
MACHINE À LAVER ÉQUIPÉE D'UN ÉLÉMENT FILTRANT ET UN CLAPET

Publication
EP 2998426 A1 20160323 (EN)

Application
EP 14184886 A 20140916

Priority
EP 14184886 A 20140916

Abstract (en)
A laundry washing machine (100) is proposed. The laundry washing machine (100) comprises a tub (115) for containing treatment liquids, the tub (115) comprising a sump (120) fluidly connected or connectable to a draining circuit (125) of the washing machine (100), and a valve/filter assembly (145) adapted to be removably positioned in a filter seat (150) provided in the sump (120) for intercepting and filtering the treatment liquids while passing from said tub (115) to said draining circuit (125). Said valve/filter assembly (145) comprises: a receptacle (210 R) having an inlet (210 I) for the access of the treatment liquids coming from the tub (115), and a filtering surface (210 FS) through which said treatment liquids coming from the tub (115) can pass to said draining circuit (125), said filtering surface (210 FS) being adapted to retain within said receptacle (210 R) foreign bodies entering said inlet (210 I), a valve seat (215) fixed or fixable to an open end of said receptacle (210 R), and a valve element (205) pivotally hinged to said valve seat (215) so as to swing within the receptacle (210 R), when said valve seat (215) is fixed to said receptacle (210 R), between a closed position in which the valve element (205) abuts the valve seat (215), thereby preventing passage of liquid from said tub (115) to said draining circuit (125), and an opened position in which the valve element (205) is at least partially spaced from said valve seat (215), thereby allowing liquid to pass from said tub (115) to said draining circuit (125) through said filtering surface (210 FS) of said receptacle (210 R).

IPC 8 full level
D06F 39/08 (2006.01); **D06F 39/10** (2006.01)

CPC (source: EP US)
D06F 39/10 (2013.01 - EP US)

Citation (applicant)
• EP 1204792 A1 20020515 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• EP 2503050 A1 20120926 - ELECTROLUX HOME PROD CORP [BE]

Citation (search report)
• [YD] EP 2503050 A1 20120926 - ELECTROLUX HOME PROD CORP [BE]
• [Y] EP 2746448 A1 20140625 - ELECTROLUX HOME PROD CORP [BE]
• [A] WO 2010066893 A1 20100617 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
• [A] EP 2426247 A1 20120307 - ELECTROLUX HOME PROD CORP [BE]
• [A] EP 2746447 A1 20140625 - ELECTROLUX HOME PROD CORP [BE]

Cited by
US2023272575A1; US11993891B2; WO2020251513A3; WO2023277762A1

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

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