

Title (en)
Improved washing machine

Title (de)
Verbesserte Waschmaschine

Title (fr)
Machine à laver améliorée

Publication
EP 2746449 A1 20140625 (EN)

Application
EP 12198908 A 20121221

Priority
EP 12198908 A 20121221

Abstract (en)
A washing machine (100) comprising a washing tub (107) in which washing liquid may be loaded, a perforated drum (110) rotatably accommodated in the washing tub (107) for containing laundry to be washed, a discharge system (300,310,330) fluidly connected to the washing tub (107) and adapted to selectively discharge washing liquid from the washing tub (107) and a valve (330), placed between the washing tub (107) and the discharge system (300,310,330). Said valve (330) comprises a valve seat (350) through which liquid can pass from the washing tub (107) to the discharge system (300,310,330) and a closure member (340) movable with respect to the valve seat (350) from a closing position, in which said closure member (340) abuts against the valve seat (350), impeding the flow of washing liquid from the washing tub (107) to the discharge system (300,310,330), to an open position in which said closure member (340) is at least partially spaced apart from the valve seat (350), allowing the flow of washing liquid from the washing tub (107) to the discharge system (300,310,330). The washing machine (100) further comprises an air passage (410,425;510) fluidly connecting said discharge system (300, 310, 330) and said washing tub (107) for allowing the passage of at least air from the discharge system (300,310, 330) to the washing tub (107) and an intercepting member (430) arranged to prevent a liquid flow exiting said air passage (410, 425; 510) from hitting said drum (110).

IPC 8 full level
D06F 39/08 (2006.01)

CPC (source: EP US)
D06F 39/086 (2013.01 - EP US)

Citation (applicant)
WO 2009083365 A1 20090709 - ARCELIK AS [TR], et al

Citation (search report)
• [AD] WO 2009083365 A1 20090709 - ARCELIK AS [TR], et al
• [A] DE 2712093 A1 19780921 - BAUKNECHT GMBH G
• [A] DE 3540741 A1 19870409 - MIELE & CIE [DE]

Cited by
US10179963B2; US11035063B2; US11781258B2

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 2746449 A1 20140625; AU 2013363725 A1 20150702; EP 2935682 A1 20151028; EP 2935682 B1 20210310; PL 2935682 T3 20210913; WO 2014095816 A1 20140626

DOCDB simple family (application)
EP 12198908 A 20121221; AU 2013363725 A 20131217; EP 13811440 A 20131217; EP 2013076840 W 20131217; PL 13811440 T 20131217