

Title (en)  
WASHING MACHINE AND CONTROL METHOD THEREFOR

Title (de)  
WASCHMASCHINE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)  
MACHINE À LAVER ET SON PROCÉDÉ DE COMMANDE

Publication  
**EP 4219820 A4 20240228 (EN)**

Application  
**EP 21871157 A 20210819**

Priority  
• CN 202011032124 A 20200927  
• CN 202011032920 A 20200927  
• CN 2021113473 W 20210819

Abstract (en)  
[origin: EP4219820A1] A washing machine and a control method thereof are provided. The washing machine includes: a housing (1); an inner drum (5) arranged in the housing (1) and provided with a washing chamber individually holding washing water; a detection member (7) arranged on the inner drum (5). The position of the detection member (7) is raised/lowered as the water level is raised/lowered, and a sensing device (8) correspondingly detects a change in the position of the detection member (7). The control method includes: positioning the inner drum (5) to a position where the detection member (7) is corresponding to the sensing member (8) during feeding water in the washing machine, and obtaining the water level inside the inner drum (5) by detecting the position of the detection member (7) via the sensing member (8) by the washing machine. The control method of the washing machine enables water level detection of the holeless inner drum by controlling the positioning of the inner drum (5) during the water feeding process in conjunction with the water level detection device, the water level detection is accurate, simple, effective, and reliable.

IPC 8 full level  
**D06F 39/08** (2006.01); **D06F 37/04** (2006.01); **D06F 103/18** (2020.01)

CPC (source: EP)  
**D06F 33/34** (2020.02); **D06F 37/04** (2013.01); **D06F 39/087** (2013.01); **D06F 2103/18** (2020.02); **D06F 2103/24** (2020.02)

Citation (search report)  
• [A] WO 2008000610 A1 20080103 - BSH BOSCH SIEMENS HAUSGERÄTE [DE], et al  
• [A] EP 2818593 A1 20141231 - ELECTROLUX APPLIANCES AB [SE]  
• [A] EP 2383383 A1 20111102 - MIELE & CIE [DE]  
• [A] KR 101526968 B1 20150611  
• [A] CN 110761043 A 20200207 - NANJING BEILING NETWORK TECH CO LTD  
• See also references of WO 2022062784A1

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

DOCDB simple family (publication)  
**EP 4219820 A1 20230802**; **EP 4219820 A4 20240228**; WO 2022062784 A1 20220331

DOCDB simple family (application)  
**EP 21871157 A 20210819**; CN 2021113473 W 20210819