

Title (en)  
Washing machine and control method thereof

Title (de)  
Waschmaschine und Steuerungsverfahren dafür

Title (fr)  
Machine à laver et son procédé de commande

Publication  
**EP 2447406 A1 20120502 (EN)**

Application  
**EP 11184569 A 20111011**

Priority  
KR 20100105238 A 20101027

Abstract (en)  
A control method of a washing machine to supply wash water in stages, generate bubbles and supply the generated bubbles. The control method includes supplying wash water to a tub to a predetermined level in stages one or more times during a washing cycle, generating bubbles at the respective stages at which the wash water is supplied to the tub, and driving a pulsator so that the bubbles are introduced into a wash tub.

IPC 8 full level  
**D06F 17/06** (2006.01); **D06F 33/02** (2006.01); **D06F 35/00** (2006.01)

CPC (source: EP KR US)  
**D06F 17/06** (2013.01 - EP KR US); **D06F 33/36** (2020.02 - EP KR US); **D06F 35/002** (2013.01 - KR); **D06F 37/12** (2013.01 - KR); **D06F 37/34** (2013.01 - KR); **D06F 35/002** (2013.01 - EP US); **D06F 2103/18** (2020.02 - EP KR US); **D06F 2105/46** (2020.02 - KR); **D06F 2105/56** (2020.02 - KR); **D06F 2105/58** (2020.02 - EP US)

Citation (search report)

- [Y] US 5590551 A 19970107 - HONG SEOG J [KR]
- [Y] US 2008099052 A1 20080501 - LEE BO RAM [KR], et al
- [A] EP 0495168 A1 19920722 - DAEWOO ELECTRONICS CO LTD [KR]
- [A] JP H0260692 A 19900301 - TOSHIBA CORP

Cited by  
EP3184687A4; CN112359551A; EP2660379A1; CN103382633A

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 2447406 A1 20120502**; CN 102560957 A 20120711; CN 102560957 B 20161123; KR 20120043932 A 20120507; RU 2011142577 A 20130427; US 2012102661 A1 20120503

DOCDB simple family (application)  
**EP 11184569 A 20111011**; CN 201110342789 A 20111027; KR 20100105238 A 20101027; RU 2011142577 A 20111020; US 201113200979 A 20111006