

Title (en)  
CONTROL METHOD OF A LAUNDRY MACHINE

Title (de)  
STEUERUNGSVERFAHREN FÜR EINE WASCHMASCHINE

Title (fr)  
PROCÉDÉ DE COMMANDE D'UNE MACHINE À LAVER

Publication  
**EP 2496745 A4 20151104 (EN)**

Application  
**EP 10827181 A 20101102**

Priority  
• KR 20090105110 A 20091102  
• KR 2010007672 W 20101102

Abstract (en)  
[origin: WO2011053097A2] A laundry machine and a control method thereof are provided in which laundering ability may be improved while also improving efficiency and noise/vibration. The laundry machine employs a plurality of drum motions by varying drum rotational speed, drum rotational direction, and drum starting and stopping point, to provide different motion of laundry items in the drum.

IPC 8 full level  
**D06F 35/00** (2006.01); **D06F 33/02** (2006.01); **D06F 37/30** (2006.01); **D06F 39/08** (2006.01)

CPC (source: CN EP KR US)  
**D06F 23/00** (2013.01 - CN); **D06F 33/00** (2013.01 - CN KR); **D06F 35/005** (2013.01 - CN EP US); **D06F 35/006** (2013.01 - EP KR US); **D06F 39/08** (2013.01 - KR); **D06F 45/26** (2013.01 - KR); **D06F 49/08** (2013.01 - KR)

Citation (search report)  
• [XY] EP 0796942 A2 19970924 - TOSHIBA KK [JP]  
• [XY] EP 2103726 A1 20090923 - PANASONIC CORP [JP]  
• [X] US 2005160536 A1 20050728 - MCALLISTER KARL D [US], et al  
• [X] US 2009100608 A1 20090423 - LEE DEUG-HEE [KR], et al  
• [X] US 3388410 A 19680618 - MARSHALL DONALD E  
• [XY] DATABASE WPI Week 200645, Derwent World Patents Index; AN 2006-440902, XP002745090  
• See references of WO 2011053097A2

Cited by  
EP3696306A1

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)  
**WO 2011053097 A2 20110505; WO 2011053097 A3 20120119**; AU 2010313880 A1 20111006; AU 2010313880 B2 20130110; BR PI1013607 A2 20160419; CN 102439214 A 20120502; CN 102439214 B 20141015; CN 104278485 A 20150114; EP 2496745 A2 20120912; EP 2496745 A4 20151104; EP 2496745 B1 20190102; ES 2717426 T3 20190621; KR 101731330 B1 20170428; KR 20110048347 A 20110511; MX 2011010211 A 20111010; RU 2497992 C2 20131110; UA 104889 C2 20140325

DOCDB simple family (application)  
**KR 2010007672 W 20101102**; AU 2010313880 A 20101102; BR PI1013607 A 20101102; CN 201080019658 A 20101102; CN 201410455750 A 20101102; EP 10827181 A 20101102; ES 10827181 T 20101102; KR 20090105110 A 20091102; MX 2011010211 A 20101102; RU 2011146523 A 20101102; UA A201113868 A 20101102