

Title (en)  
Improved washing machine

Title (de)  
Verbesserte Waschmaschine

Title (fr)  
Machine à laver améliorée

Publication  
**EP 2565319 A1 20130306 (EN)**

Application  
**EP 12182903 A 20120904**

Priority  
IT TO20110792 A 20110905

Abstract (en)  
The washing machine comprises: a washing chamber (10); a conduit (12) feeding water into said washing chamber (10); a pump (22) for metering the quantity of cleansing agent fed into the washing chamber (10); a hardness sensor (16) for water fed into the washing chamber (10); and means (24) controlling the pump (22) as a function of the water hardness degree sensed by the sensor (16).

IPC 8 full level  
**D06F 39/02** (2006.01); **A47L 15/42** (2006.01); **A47L 15/44** (2006.01); **D06F 33/37** (2020.01); **D06F 34/22** (2020.01); **D06F 39/08** (2006.01)

CPC (source: EP US)  
**D06F 33/37** (2020.02 - EP US); **D06F 34/22** (2020.02 - EP US); **D06F 39/007** (2013.01 - EP US); **D06F 2103/20** (2020.02 - EP US); **D06F 2105/42** (2020.02 - EP US)

Citation (applicant)  
• US 2006157086 A1 20060720 - KAPPLER JERROD A [US], et al  
• DE 19940162 A1 20010301 - MIELE & CIE [DE]

Citation (search report)  
• [XY] US 2006157086 A1 20060720 - KAPPLER JERROD A [US], et al  
• [YA] DE 19940162 A1 20010301 - MIELE & CIE [DE]  
• [A] EP 1810606 A1 20070725 - WHIRLPOOL CO [US]  
• [A] EP 1582135 A1 20051005 - BITRON SPA [IT]  
• [A] DE 202004013787 U1 20050210 - ELECTROLUX HOME PROD CORP [BE]

Cited by  
EP4074882A1; CN105874114A; AU2013409581B2; US10563339B2; US11987921B2; US10544536B2; US11180887B2; US10494751B2; WO2015101391A1

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 2565319 A1 20130306**; **EP 2565319 B1 20160113**; ES 2564506 T3 20160323; IT TO20110792 A1 20130306; PL 2565319 T3 20160630

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**EP 12182903 A 20120904**; ES 12182903 T 20120904; IT TO20110792 A 20110905; PL 12182903 T 20120904