

Title (en)
Dish washer and control method thereof

Title (de)
Geschirrspüler und Steuerungsverfahren davon

Title (fr)
Lave-vaisselle et son procédé de commande

Publication
EP 2596735 A3 20180110 (EN)

Application
EP 12193670 A 20121121

Priority
KR 20110122486 A 20111122

Abstract (en)
[origin: EP2596735A2] A dishwasher includes a washing tub accommodating a detergent containing a first enzyme activated at an active temperature range and a second enzyme activated at another active temperature range differing from the active temperature range of the first enzyme, and wash water in which the detergent is dissolved, a heating unit heating wash water, and a controller controls driving of the heating unit such that the temperature of wash water is maintained within the active temperature range of the first enzyme for a first designated time, and controls driving of the heating unit such that the temperature of wash water is maintained within the active temperature range of the second enzyme for a second designated time, when the first designated time has elapsed.

IPC 8 full level
A47L 15/00 (2006.01)

CPC (source: EP KR US)
A47L 15/0021 (2013.01 - US); **A47L 15/0028** (2013.01 - EP US); **A47L 15/46** (2013.01 - KR); **A47L 2401/09** (2013.01 - EP US); **A47L 2401/12** (2013.01 - EP US); **A47L 2401/20** (2013.01 - EP US); **A47L 2501/01** (2013.01 - EP US); **A47L 2501/02** (2013.01 - EP US); **A47L 2501/03** (2013.01 - EP US); **A47L 2501/05** (2013.01 - EP US); **A47L 2501/06** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2011000511 A1 20110106 - MERSCH MATTHEW D [US], et al
- [Y] DE 19957243 A1 20010531 - AEG HAUSGERAETE GMBH [DE]
- [Y] DE 102006043914 A1 20080327 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [I] US 2010212700 A1 20100826 - WATTLEY MARK DOUGLAS [US], et al
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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EP 2596735 A2 20130529; **EP 2596735 A3 20180110**; CN 103126637 A 20130605; KR 101882182 B1 20180727; KR 20130056739 A 20130530; US 2013112225 A1 20130509

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EP 12193670 A 20121121; CN 201210479689 A 20121122; KR 20110122486 A 20111122; US 201213681863 A 20121120