

Title (en)

DISHWASHER AND METHOD FOR OPERATING SAME

Title (de)

GESCHIRRSPÜLMASCHINE UND VERFAHREN ZUM BETRIEB DAVON

Title (fr)

LAVE-VAISSELLE ET PROCÉDÉ DE FONCTIONNEMENT DE CELUI-CI

Publication

**EP 3834694 A4 20211013 (EN)**

Application

**EP 19860558 A 20190518**

Priority

- CN 201811208319 A 20181016
- CN 2019087502 W 20190518
- US 201816129192 A 20180912

Abstract (en)

[origin: EP3834694A1] A dishwasher (10), comprising a washing tank (16), one or more sprayers (620), a liquid supply source (622), and an air supply source (624). The one or more sprayers (620) are disposed in the washing tank (16). The liquid supply source (622) and the air supply source (624) are provided with a single motor (730) and are operated by means of the single motor (730). The dishwasher (10) employs the single motor (730) to drive an air pump (725) and a water pump (723) to operate separately or together, and can reduce the water volume required to wash dishes in the dishwasher (10), enhance drying performance, and/or improve washing performance by accelerating the water flow. A method for operating the dishwasher (10).

IPC 8 full level

**A47L 15/42** (2006.01); **A47L 15/48** (2006.01); **A47L 15/20** (2006.01); **A47L 15/22** (2006.01)

CPC (source: EP)

**A47L 15/4225** (2013.01); **A47L 15/4282** (2013.01); **A47L 15/486** (2013.01); **A47L 15/20** (2013.01); **A47L 15/22** (2013.01); **A47L 2601/03** (2013.01)

Citation (search report)

- [A] WO 2017084693 A1 20170526 - ELECTROLUX APPLIANCES AB [SE]
- [A] US 2014069473 A1 20140313 - BALDWIN MARK W [US], et al
- [A] CN 108185956 A 20180622 - LIU XIANGNING
- [A] US 5165431 A 19921124 - TROMBLEE JON D [US], et al
- [A] WO 2018124717 A1 20180705 - LG ELECTRONICS INC [KR] & US 2019343366 A1 20191114 - LEE SANGIK [KR]
- See also references of WO 2020052267A1

Cited by

US2021345853A1; EP3868278A4; EP3847943A4

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)

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