

Title (en)

WAREWASHER WITH RADAR-BASED WARE DETECTION

Title (de)

SPÜLMASCHINE MIT RADARBASIERTER ARTIKELDETEKTION

Title (fr)

LAVE-VAISSELLE AVEC DÉTECTION D'ARTICLE BASÉE SUR UN RADAR

Publication

**EP 3490421 A1 20190605 (EN)**

Application

**EP 17749063 A 20170727**

Priority

- US 201662368251 P 20160729
- US 2017044081 W 20170727

Abstract (en)

[origin: US2018028043A1] A warewash machine includes a housing defining a chamber for receiving wares, the chamber having at least one spray zone, a wash spray system for spraying wash liquid onto wares and a rinse spray system for spraying rinse liquid onto wares. At least one radar transceiver is located for detecting wares feeding into the chamber and/or for detecting wares within the chamber. A controller is associated with the radar transceiver and configured to identify one or more of ware location, ware movement, ware size, ware shape and/or ware material based upon outputs from the at least one radar transceiver. The controller is further configured to control at least one operating parameter of the machine based at least in part upon identified ware location, identified ware movement, identified ware size, identified ware shape and/or identified ware material.

IPC 8 full level

**A47L 15/00** (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP US)

**A47L 15/0021** (2013.01 - EP US); **A47L 15/0028** (2013.01 - US); **A47L 15/0034** (2013.01 - US); **A47L 15/242** (2013.01 - US); **A47L 15/247** (2013.01 - EP US); **A47L 15/4285** (2013.01 - US); **A47L 15/4289** (2013.01 - US); **A47L 15/4295** (2013.01 - EP US); **A47L 15/44** (2013.01 - US); **A47L 15/46** (2013.01 - US); **A47L 15/486** (2013.01 - US); **A47L 15/24** (2013.01 - US); **A47L 2401/04** (2013.01 - EP US); **A47L 2401/30** (2013.01 - EP US); **A47L 2401/34** (2013.01 - EP); **A47L 2501/04** (2013.01 - EP US); **A47L 2501/06** (2013.01 - EP US); **A47L 2501/07** (2013.01 - EP US); **A47L 2501/12** (2013.01 - US); **A47L 2501/20** (2013.01 - US); **A47L 2501/24** (2013.01 - EP US); **A47L 2501/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2018022833A1

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)

**US 2018028043 A1 20180201**; CN 109475264 A 20190315; EP 3490421 A1 20190605; WO 2018022833 A1 20180201

DOCDB simple family (application)

**US 201715661630 A 20170727**; CN 201780046621 A 20170727; EP 17749063 A 20170727; US 2017044081 W 20170727