

Title (en)

DISHWASHER WITH SENSOR UNIT FOR DETERMINING ROTATION OF A SPRAY ARM

Title (de)

GESCHIRRSPÜLER MIT SENSOREINHEIT ZUR BESTIMMUNG EINER DREHBEWEGUNG EINES SPRÜHARMS

Title (fr)

LAVE-VAISSELLE COMPORTANT UNE UNITÉ DE DÉTECTION DESTINÉE À DÉTERMINER UN MOUVEMENT ROTATIF D'UN BRAS DE PULVÉRISATION

Publication

EP 3266360 B1 20220810 (DE)

Application

EP 17178568 A 20170629

Priority

DE 102016112442 A 20160707

Abstract (en)

[origin: US2018008118A1] The invention proposes a dishwasher comprising a working chamber, comprising at least one spray arm which is arranged in a rotatable manner in the working chamber, and comprising a metering apparatus for supplying and metering a substance, such as detergent, rinse aid etc., into the working chamber, which metering apparatus is designed as an insert part comprising a housing for insertion into a recess in an inner wall of the working chamber, for example in the door of the working chamber, and comprising a sensor unit for identifying a spray arm movement in the working chamber of the dishwasher, which sensor unit is arranged at least partially in a housing of the metering apparatus, wherein the sensor unit 11 comprises at least one infrared transmitter 12 and/or one infrared receiver 13.

IPC 8 full level

A47L 15/00 (2006.01); **A47L 15/23** (2006.01); **A47L 15/44** (2006.01)

CPC (source: EP US)

A47L 15/0049 (2013.01 - EP US); **A47L 15/22** (2013.01 - US); **A47L 15/23** (2013.01 - EP US); **A47L 15/4409** (2013.01 - EP US); **A47L 2401/06** (2013.01 - US); **A47L 2401/24** (2013.01 - EP US); **A47L 2401/30** (2013.01 - EP US); **A47L 2501/02** (2013.01 - US); **A47L 2501/05** (2013.01 - EP US); **A47L 2501/20** (2013.01 - EP US); **A47L 2501/26** (2013.01 - EP US)

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)

EP 3266360 A1 20180110; **EP 3266360 B1 20220810**; CN 107581990 A 20180116; DE 102016112442 A1 20180111; PL 3266360 T3 20221128; US 2018008118 A1 20180111; WO 2018007533 A1 20180111

DOCDB simple family (application)

EP 17178568 A 20170629; CN 201710549281 A 20170706; DE 102016112442 A 20160707; EP 2017066958 W 20170706; PL 17178568 T 20170629; US 201715643419 A 20170706