

Title (en)

METHOD FOR AUTOMATICALLY ASSESSING THE DISPLACEMENT OF AN OBJECT IN A WASHING AREA OF A DISHWASHING MACHINE

Title (de)

METHODE ZUR AUTHOMATISCHE FESTSTELLUNG DER BEWEGUNG EINES OBJEKTS IM SPÜLRAUM EINES GESCHIRRSPÜLERS

Title (fr)

MÉTHODE POUR DÉTECTER AUTOMATIQUEMENT LE MOUVEMENT D'UN OBJET DANS LA ZONE DE LAVAGE D'UN LAVE-VAISSELLE

Publication

EP 3427630 B1 20200513 (EN)

Application

EP 18182619 A 20180710

Priority

IT 201700078567 A 20170713

Abstract (en)

[origin: EP3427630A1] The present disclosure relates a method of automatically assessing the displacement of an object (S, 5, 7) in a washing area (2) of a dishwashing machine (1) having optical means (8) and a user interface (9). The method includes acquiring, processing and comparing various images to check whether the object (S, 5, 7) has moved, to indicate a change-of-operating-state condition (16A) through said user interface (9).

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: CN EP RU)

A47L 15/0028 (2013.01 - CN RU); **A47L 15/0049** (2013.01 - EP RU); **A47L 15/006** (2013.01 - CN RU); **A47L 15/23** (2013.01 - CN);
A47L 15/4219 (2013.01 - CN RU); **A47L 15/4295** (2013.01 - CN EP RU); **A47L 15/0063** (2013.01 - EP); **A47L 2401/04** (2013.01 - CN EP);
A47L 2401/24 (2013.01 - EP); **A47L 2401/30** (2013.01 - EP); **A47L 2501/26** (2013.01 - CN EP); **A47L 2501/30** (2013.01 - EP);
A47L 2501/32 (2013.01 - EP)

Cited by

DE102019104519A1; DE102019110795A1; CN112716407A; EP4344598A1; EP3788933A1; CN114340468A; EP4085815A1; BE1029372B1;
US11825999B2; US11259681B2; US11185209B2; US11058281B2; US11737638B2; US11191416B2; US11766160B2; US11026559B2;
EP3741284A1; DE102019113414A1; EP3973843A1; US11202550B2; US11399690B2; US11864705B2; US11464389B2; US11877711B2;
WO2021043624A1; US11484183B2; US11889966B2; US11896182B2

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 3427630 A1 20190116; EP 3427630 B1 20200513; CN 109247886 A 20190122; CN 109247886 B 20220729; ES 2805458 T3 20210212;
IT 201700078567 A1 20190113; RU 2018125039 A 20200109; RU 2018125039 A3 20210916; RU 2760379 C2 20211124

DOCDB simple family (application)

EP 18182619 A 20180710; CN 201810770126 A 20180713; ES 18182619 T 20180710; IT 201700078567 A 20170713;
RU 2018125039 A 20180709