

Title (en)

SYSTEM WITH A DISHWASHER, METHOD, AND COMPUTER PROGRAM PRODUCT

Title (de)

SYSTEM MIT EINER GESCHIRRSPÜLMASCHINE, VERFAHREN UND COMPUTERPROGRAMMPRODUKT

Title (fr)

SYSTÈME AVEC LAVE-VAISSELLE, PROCÉDÉ ET PRODUIT-PROGRAMME INFORMATIQUE

Publication

**EP 4285338 A1 20231206 (DE)**

Application

**EP 22700619 A 20220113**

Priority

- DE 102021200715 A 20210127
- EP 2022050623 W 20220113

Abstract (en)

[origin: WO2022161778A1] The invention relates to a system (100) with a dishwasher (1), in particular a domestic dishwasher, having an image-capturing device (110) for capturing a 2D image (2DIMG) of a dish rack (12-14) in the dishwasher (1) and dishes (21-24) arranged therein, an image processing device (120) for determining a 3D image (3DIMG) on the basis of the captured 2D image (2DIMG) and additionally captured metadata (META) of the captured 2D image (2DIMG), and a control device (140) for executing a wash program depending on the determined 3D image (3DIMG).

IPC 8 full level

**G06V 10/82** (2022.01); **A47L 15/42** (2006.01); **G06V 20/52** (2022.01); **G06V 20/64** (2022.01)

CPC (source: EP US)

**A47L 15/4295** (2013.01 - EP US); **G06T 7/11** (2017.01 - US); **G06V 10/141** (2022.01 - US); **G06V 10/82** (2022.01 - EP);  
**G06V 20/52** (2022.01 - EP); **G06V 20/64** (2022.01 - EP); **A47L 2401/04** (2013.01 - 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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102021200715 A1 20220728**; CN 116762104 A 20230915; EP 4285338 A1 20231206; US 2024041296 A1 20240208;  
WO 2022161778 A1 20220804

DOCDB simple family (application)

**DE 102021200715 A 20210127**; CN 202280011911 A 20220113; EP 2022050623 W 20220113; EP 22700619 A 20220113;  
US 202218265704 A 20220113