

Title (en)
EASY LOADING SILVERWARE BASKET

Title (de)
LEICHT EINRÄUMBARER BESTECKKORB

Title (fr)
PANIER POUR ARGENTERIE À CHARGEMENT FACILE

Publication
EP 4035583 A1 20220803 (EN)

Application
EP 22153343 A 20220125

Priority
US 202117159400 A 20210127

Abstract (en)
A dishwasher system for cleaning dishes may include at least one rack (122, 124) configured to receive a silverware basket (200), the basket (200) including a plurality of partitions (210) creating a plurality of cavities within the basket (150) for receiving utensils for washing, where each cavity includes a separate and distinct base (214) at a bottom of the basket (200) that is vertically movable within the cavity, a camshaft (222) fixed to the rack and operable by a gearbox (230) configured to rotate the camshaft (222) with respect to the rack (122, 124), the camshaft (122) arranged below the silverware basket (200), and a plurality of cams (220) extending along the camshaft (222), at least one cam (220) being arranged below each cavity, wherein upon rotation of the camshaft (222) by the gearbox (230), each cam (220) affects the height of the respective base (214) to allow the utensils in the respective cavity to be intermittently lifted and exposed to spray from sprayers within the dishwasher.

IPC 8 full level
A47L 15/50 (2006.01)

CPC (source: CN EP US)
A47L 15/23 (2013.01 - US); **A47L 15/501** (2013.01 - CN); **A47L 15/502** (2013.01 - EP); **A47L 15/507** (2013.01 - US); **A47L 15/504** (2013.01 - EP); **A47L 2501/36** (2013.01 - CN)

Citation (search report)

- [IA] US 4268973 A 19810526 - JEZUIT ARTHUR D, et al
- [A] DE 102010018305 A1 20111027 - MEIKO MASCHINENBAU GMBH & CO [DE]
- [A] US 2005109378 A1 20050526 - LANDSIEDEL JAY C [US], et al

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

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