

Title (en)
Dishwasher

Title (de)
Geschirrspüler

Title (fr)
Lave-vaisselle

Publication
EP 2891447 A1 20150708 (EN)

Application
EP 15150114 A 20150105

Priority
KR 20140001522 A 20140106

Abstract (en)
The present disclosure provides a dishwasher (1) having an improved basket pull-out structure. The dishwasher includes: a tub (20); a basket (40, 45) arranged inside the tub (20) for loading dishes; and a draw-out unit (100) arranged on either side of the basket (40, 45) for guiding the basket to be drawn out forward from the tub, wherein the draw-out unit (100) includes first (110), second (120), and third (130) rails, a plurality of first balls (142, 144) placed between the first (110) and second (120) rails, and a plurality of second balls (152, 154) placed between the second (120) and third (130) rails, and wherein the plurality of first balls (142, 144) and the plurality of second balls (152, 154) are arranged in vertical direction. According to the present disclosure, a slim draw-out unit may be provided by aligning ball bearings in vertical direction, thereby increasing the space utility of the dishwasher.

IPC 8 full level
A47L 15/50 (2006.01)

CPC (source: EP US)
A47L 15/507 (2013.01 - EP US)

Citation (search report)
• [X1] US 2010051067 A1 20100304 - DALSING TROY [SE]
• [X1] WO 2012025717 A2 20120301 - ACCURIDE INT LTD [GB], et al
• [X1] DE 202008000708 U1 20090528 - HETTICH PAUL GMBH & CO KG [DE]
• [X1] EP 2481990 A1 20120801 - LAAG S R L [IT]

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WO2022008081A1; EP3345505A1; US10517397B2; US10842268B2

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

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EP 15150114 A 20150105; CN 201510004634 A 20150106; KR 20140001522 A 20140106; US 201414587731 A 20141231