

Title (en)

A DISHWASHER WITH IMPROVED WASHING PERFORMANCE

Title (de)

GESCHIRRSPÜLMASCHINE MIT VERBESSERTER WASCHLEISTUNG

Title (fr)

LAVE-VAISSELLE À PERFORMANCE DE LAVAGE AMÉLIORÉE

Publication

EP 3836824 A4 20220420 (EN)

Application

EP 19849185 A 20190521

Priority

- TR 201811749 A 20180813
- TR 2019050354 W 20190521

Abstract (en)

[origin: WO2020036558A2] The present invention relates to a dishwasher (1) comprising; a body (2), a tub (3) inside the body (2) wherein the washing operation takes place, a water conduit (4) whereby the water to be used in washing operation is transferred to the tub (3), an agitator (5) fluidly connected to the water conduit (4) and wherein the agitator (5) is rotatable placed on to the base of the tub (3) around a stationary vertical axis, a spray arm (6) in fluid communication with the agitator (5) so as to spray the dishes with water, and wherein the spray arm (6) is rotatable placed on to the agitator (5) around a moving vertical axis, which upon rotation, rotates around the stationary vertical axis in a circular trajectory, a base gear (7), placed concentric with and inside the agitator (5), forming a water channel (8) in between the agitator (5) so as to divert the water coming from the water conduit (4) along the radius and towards the circumference of the base gear (7), whereon the passage of the water forces the base gear (7) to rotate around the stationary vertical axis via a plurality of fins (9) placed consecutively along the circumference of the base gear (7).

IPC 8 full level

A47L 15/23 (2006.01); **A47L 15/22** (2006.01)

CPC (source: EP)

A47L 15/23 (2013.01); **D06F 33/32** (2020.02); **D06F 34/05** (2020.02); **D06F 58/34** (2020.02); **A47L 15/22** (2013.01); **D06F 25/00** (2013.01); **D06F 2103/00** (2020.02); **D06F 2105/00** (2020.02)

Citation (search report)

- [A] US 2013180555 A1 20130718 - LEE CHANG WOOK [KR], et al
- [A] EP 1050263 A2 20001108 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- See references of WO 2020036558A2

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)

WO 2020036558 A2 20200220; **WO 2020036558 A3 20200528**; EP 3836824 A2 20210623; EP 3836824 A4 20220420

DOCDB simple family (application)

TR 2019050354 W 20190521; EP 19849185 A 20190521