

Title (en)  
A DISHWASHER COMPRISING A GEAR

Title (de)  
GESCHIRRSPÜLMASCHINE MIT EINEM GETRIEBE

Title (fr)  
LAVE-VAISSELLE COMPRENANT UN ENGRENAGE

Publication  
**EP 3928677 A1 20211229 (EN)**

Application  
**EP 21171618 A 20210430**

Priority  
TR 202009644 A 20200622

Abstract (en)  
The present invention relates to a dishwasher (1) comprising a body (2); a washing tub (3) which is provided in the body (2) and wherein the washing process is performed; a filter group (7) provided at the base of the washing tub (3) and having a main strainer (4) which strains the dirt particles breaking off from the kitchen items placed into the washing tub (3) and a microfilter (5) and a coarse filter (6) which are positioned under the main strainer (4); a plurality of spray arms (8) which provide the delivery of water to the kitchen items in the washing tub (3); a circulation pump (9) which enables the water to be guided to the spray arms (8); and a mechanical water guiding valve (10) which enables the water to be guided to the desired spray arms (8) in order. The mechanical water guiding valve (10) has a gear group (12) composed of a plurality of gears (11) which provide the disintegration of the dirt particles that cannot be filtered by the filter group (7).

IPC 8 full level  
**A47L 15/42** (2006.01)

CPC (source: EP)  
**A47L 15/4221** (2013.01); **A47L 15/4227** (2013.01)

Citation (applicant)  
EP 3222193 A1 20170927 - VESTEL BEYAZ ESYA SANAYI VE TICARET AS [TR]

Citation (search report)  
• [A] US 2013092188 A1 20130418 - BALINSKI STEVEN B [US], et al  
• [A] US 2012145203 A1 20120614 - WATSON ERIC [US], et al  
• [A] JP 2003265396 A 20030924 - MITSUBISHI ELECTRIC CORP, et al  
• [A] US 2008011341 A1 20080117 - KIM EUI SOO [KR], et al  
• [A] KR 20150003562 U 20151002

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

DOCDB simple family (publication)  
**EP 3928677 A1 20211229; EP 3928677 B1 20230104**; PL 3928677 T3 20230612; TR 202009644 A2 20220121

DOCDB simple family (application)  
**EP 21171618 A 20210430**; PL 21171618 T 20210430; TR 202009644 A 20200622