

Title (en)
WASHING GROUP FOR LAUNDRY WASHING MACHINES

Title (de)
WASCHGRUPPE FÜR WASCHMASCHINEN

Title (fr)
GROUPE DE LAVAGE POUR MACHINES À LAVER LE LINGE

Publication
EP 3165664 A1 20170510 (EN)

Application
EP 15193109 A 20151105

Priority
EP 15193109 A 20151105

Abstract (en)
Washing group (1) for laundry washing machines comprising a hollow washing tub (2), a revolving drum (3) fitted in axially rotatable manner inside the washing tub (2), and a motor assembly (4) which is rigidly attached outside the washing tub (2) and is capable of driving into rotation the revolving drum (3) inside the washing tub (2); the motor assembly (4) comprising a drive motor (8) and a supporting structure (10) provided with a number of connecting arms (15) each of which juts out from the drive motor (8) towards the peripheral wall (9) of washing tub (2), and has the distal end fitted onto a corresponding coupling pin (14) which cantilevered extends from the washing tub (2); each coupling pin (14) being substantially ogival-shaped and the distal end of each connecting arm (15) having a substantially ogival-shaped, hollow seat (16) which is substantially complementary in shape to that of the corresponding coupling pin (14) so as to be axially engaged by said coupling pin (14).

IPC 8 full level
D06F 37/20 (2006.01)

CPC (source: EP US)
D06F 37/04 (2013.01 - US); **D06F 37/206** (2013.01 - EP US)

Citation (applicant)
EP 2775024 A1 20140910 - NIDEC SOLE MOTOR CORP S R L [IT]

Citation (search report)
• [X1] WO 2006083083 A2 20060810 - LG ELECTRONICS INC [KR], et al
• [X1] WO 2006075903 A2 20060720 - LG ELECTRONICS INC [KR], et al
• [XD1] EP 2775024 A1 20140910 - NIDEC SOLE MOTOR CORP S R L [IT]
• [A] EP 1094144 A2 20010425 - LG ELECTRONICS INC [KR]
• [A] EP 1995365 A1 20081126 - SAMSUNG ELECTRONICS CO LTD [KR]
• [A] KR 20030050291 A 20030625 - LG ELECTRONICS INC [KR]
• [A] DE 102006027440 B3 20070531 - MIELE & CIE [DE]

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 3165664 A1 20170510; EP 3165664 B1 20200722; US 2017137984 A1 20170518

DOCDB simple family (application)
EP 15193109 A 20151105; US 201615341618 A 20161102