

Title (en)
TOP LOADING LAUNDRY WASHING MACHINE

Title (de)
TOPLADER-WASCHMASCHINE

Title (fr)
MACHINE A LAVER A CHARGEMENT PAR LE DESSUS

Publication
EP 2521809 B1 20141105 (EN)

Application
EP 10813045 A 20101223

Priority
• IT TO20100001 A 20100105
• IB 2010056045 W 20101223

Abstract (en)
[origin: WO2011083390A1] A top-loading laundry washing machine has a washing tub (2), a laundry basket (12) mounted in the tub (2) for rotating about a substantially horizontal driving axis (A), and a driving arrangement. The driving arrangement includes a first shaft (20) and a second shaft (20), each rigidly constrained to a respective end wall (13, 14) of the basket (12), a first hub and a second hub (21-23) associated to a respective side wall (3 and 30, 4 and 30) of the tub (2), for rotatably supporting the first shaft and the second shaft (20), respectively, and a motor (25) having a stator (26) supported by the first hub (21-23) and a rotor (27) connected to the first shaft (20). The tub (2) constitutes a stationary load-bearing structure of the machine (1), i.e., a non-oscillating one, and at least one substantial portion of the tub (2) remains in view. Operatively set between each side wall (3 and 30, 4 and 30) of the tub (2) and the respective hub (21-23) are elastically deformable sealing means (34) and elastic supporting means (28), in such a way that the basket (12), with the corresponding shafts (20), hubs (21-23), and motor (25) are mounted so that they can oscillate with respect to the tub (2).

IPC 8 full level
D06F 37/20 (2006.01); **D06F 37/22** (2006.01); **D06F 37/26** (2006.01); **D06F 34/08** (2020.01)

CPC (source: EP US)
D06F 37/20 (2013.01 - EP US); **D06F 37/206** (2013.01 - EP); **D06F 37/269** (2013.01 - EP); **D06F 34/08** (2020.02 - EP US); **D06F 37/225** (2013.01 - EP US); **D06F 2101/04** (2020.02 - EP US)

Cited by
EP3862479A1; WO2021163146A1

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 2011083390 A1 20110714; EP 2521809 A1 20121114; EP 2521809 B1 20141105; ES 2529230 T3 20150218; IT TO20100001 A1 20110706; PL 2521809 T3 20150529

DOCDB simple family (application)
IB 2010056045 W 20101223; EP 10813045 A 20101223; ES 10813045 T 20101223; IT TO20100001 A 20100105; PL 10813045 T 20101223