

Title (en)
Laundry washing/drying machine

Title (de)
Waschmaschine/Trockner

Title (fr)
Machine à laver/sécher le linge

Publication
EP 2159313 B1 20130102 (EN)

Application
EP 08163339 A 20080829

Priority
EP 08163339 A 20080829

Abstract (en)
[origin: EP2159313A1] Laundry washing/drying machine (1) comprising a casing (2) and at least one revolving element (6; 21) which is fixed in axially rotating manner inside the machine casing (2) for rotating about a given rotation axis (L, R); the revolving element (6, 21) being provided with a supporting shaft (10, 22) which projects from the revolving element main body (13, 14) coaxial to said rotation axis (L, R), and is fitted in axially rotating manner into a corresponding supporting hub (11, 23) present in the machine casing (2); said supporting hub (11, 23) having a central hole and the supporting shaft (10, 21) engaging the central hole of said supporting hub (11, 23) so as form, inside the latter, a cylindrical interspace (14) which is filled with a magneto-rheological fluid having lubricant properties; the supporting hub (11, 23) also having a magnetic-field source (16, 26) capable of generating a magnetic field which restrains the magneto-rheological fluid inside said cylindrical interspace (14).

IPC 8 full level
D06F 37/02 (2006.01); **D06F 1/02** (2006.01); **D06F 37/30** (2006.01)

CPC (source: EP US)
D06F 1/02 (2013.01 - EP); **D06F 37/02** (2013.01 - EP US); **D06F 37/30** (2013.01 - EP US)

Cited by
US11300990B2; CN107636222A; WO2016156532A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2159313 A1 20100303; **EP 2159313 B1 20130102**; EP 2159312 A2 20100303; EP 2159312 A3 20140730

DOCDB simple family (application)
EP 08163339 A 20080829; EP 08021626 A 20081212