

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

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