

Title (en)

Driving device for a front loading washing machine

Title (de)

Antriebsvorrichtung für eine von vorn beschickbare Waschmaschine

Title (fr)

Dispositif d'entraînement pour machine à laver à chargement frontal

Publication

**EP 0780507 B1 20021211 (DE)**

Application

**EP 96118606 A 19961119**

Priority

DE 19547745 A 19951220

Abstract (en)

[origin: EP0780507A2] The drive for a front-loading washing machine has the stator (10) of the motor (9) mounted to the stiff carrier or the rear wall (6) of the container housing (1), with a central bearing bush (26) for the drum (4) shaft (7). The end of the shaft (7) has a hub (31) for the rotor (13). The hub (31) has a number of openings between it and the outer section, and a bell flange towards the container housing (1) in a central mounting. The rotor has a number of magnetising poles (14) distributed round the inner periphery of the flange, with a min. air gap to the plate packets (32) to hold the energising coils (12) at the stator (10), facing them from the outside. The packets (32) are composed of dynamo plates.

IPC 1-7

**D06F 37/30**; H02K 9/06; H02K 7/14

IPC 8 full level

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CPC (source: EP KR US)

**D06F 37/304** (2013.01 - EP US); **D06F 37/40** (2013.01 - KR)

Cited by

TR199802582A3; EP2755305A3; EP0953668A1; EP0984548A1; FR2782856A1; GB2332212A; GB2332212B; US6148647A; US6477869B2; US6539753B1; US6655177B2; WO0070139A1; WO9856974A1; WO0070138A1; US7596973B2; US8087148B2; US8677788B2

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