

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.

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

IPC 8 full level

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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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