

Title (en)

DRIVE DEVICE FOR A FRONT-LOADING WASHING MACHINE

Title (de)

ANTRIEBSVORRICHTUNG FÜR EINE VON VORN BESCHICKBARE WÄSCHEBEHANDLUNGSMASCHINE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR MACHINE À LAVER LE LINGE CHARGEABLE PAR L'AVANT

Publication

EP 1141466 B1 20030917 (DE)

Application

EP 99963516 A 19991213

Priority

- DE 19859567 A 19981222
- EP 9909872 W 19991213

Abstract (en)

[origin: US6626014B2] A compact drive apparatus for a front-loading laundry treatment machine includes a support having a projection and a rear face, a shaft having an axis, a laundry drum having a rear wall, and a motor having magnetic poles and a stator with field windings and laminated cores. The laundry drum is mounted substantially horizontally on the support through the shaft. The rear wall has a bell-shaped depression with an inner circumference. The depression extends in a direction of the longitudinal axis and accommodates the projection. The motor is disposed on the rear face and directly drives the shaft. The laminated cores are disposed on the projection, and the magnetic poles are distributed on the inner circumference and are disposed externally opposite the laminated cores to accommodate the field windings with an air gap therebetween. Preferably, the projection is a bell-shaped flange of the support or of the rear wall of the support to surround the shaft as a bearing sleeve.

IPC 1-7

D06F 37/30

IPC 8 full level

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CPC (source: EP US)

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