

Title (en)

WASHING MACHINE WITH DIRECT DRIVE MOTOR AND METHOD FOR ITS MANUFACTURING

Title (de)

WASCHMASCHINE MIT DIREKTANTRIEBSMOTOR UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

MACHINE À LAVER AVEC MOTEUR À ENTRAÎNEMENT DIRECT ET PROCÉDÉ DE FABRICATION DE CELLE-CI

Publication

EP 3067457 A1 20160914 (EN)

Application

EP 15158899 A 20150312

Priority

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Abstract (en)

A washing machine with a direct drive motor system comprises a plastic tub (10), a drum (18) rotatably mounted inside the tub (10) and a shaft (16) connected to the drum (18) for transmitting a driving force of a direct drive motor, said motor comprising a rotor assembly (26) fastened to the shaft (16) and a stator assembly (24) fastened to the tub (10). The plastic tub (10) comprises a central protruding portion (20) where a central opening of the stator assembly (24) is centered before its final fastening to the tub (10).

IPC 8 full level

D06F 37/20 (2006.01); **D06F 37/26** (2006.01); **D06F 37/30** (2006.01)

CPC (source: EP US)

D06F 37/206 (2013.01 - EP US); **D06F 37/261** (2013.01 - EP US); **D06F 37/262** (2013.01 - EP US); **D06F 37/269** (2013.01 - EP US); **D06F 37/30** (2013.01 - EP US); **D06F 37/264** (2013.01 - EP US); **D06F 37/304** (2013.01 - EP US)

Citation (applicant)

- EP 2626459 A1 20130814 - SAMSUNG ELECTRONICS CO LTD [KR]
- EP 1580311 A1 20050928 - DIEHL AKO STIFTUNG GMBH & CO [DE]
- DE 10060940 A1 20020613 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Citation (search report)

- [XDA] DE 10060940 A1 20020613 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [XA] WO 2008099551 A1 20080821 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
- [XA] WO 2006083083 A2 20060810 - LG ELECTRONICS INC [KR], et al

Cited by

CN110144703A; EP3656909A1; US10487435B2; WO2018171135A1; US10975513B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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