

Title (en)

Plastic tub for a washing machine and method for manufacturing such a tub

Title (de)

Kunststofflaugenbehälter für eine Waschmaschine und Verfahren zur Herstellung eines Kunststofflaugenbehälters

Title (fr)

Cuve en plastique pour machine à laver et procédé de fabrication d'une telle cuve

Publication

EP 1767686 A1 20070328 (DE)

Application

EP 06019740 A 20060921

Priority

DE 102005046010 A 20050926

Abstract (en)

The housing (1), which forms the container (2) for the wash water, supports the drum in bearings mounted in the end wall (3). This region is reinforced by a fiber mat (6) so that the bearing hub (5a) or the support spider are at least partially covered. The reinforcing mat need not be flat but can be contoured to follow the outline of the spider or hub. Independent claims included for the following: (1) A manufacturing process in which the reinforcing mat is placed into the injection molding mold after which the metallic spider or hub is added before the mold is closed; (2) A corresponding process in which the reinforcing mat is placed round the spider or hub and they or both placed in the mold together.

IPC 8 full level

D06F 37/26 (2006.01)

CPC (source: EP US)

D06F 37/262 (2013.01 - EP US); **D06F 37/264** (2013.01 - EP US); **D06F 37/269** (2013.01 - EP US)

Citation (search report)

- [AD] EP 1528136 A2 20050504 - MIELE & CIE [DE]
- [A] US 2005092034 A1 20050505 - HOLLENHORST MATTHIAS [DE], et al
- [A] DE 8510620 U1 19860507

Cited by

US8616029B2; US9451869B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

US 2007068199 A1 20070329; AT E412794 T1 20081115; DE 102005046010 B3 20061012; DE 502006001930 D1 20081211; EP 1767686 A1 20070328; EP 1767686 B1 20081029

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