

Title (en)

PLASTIC CONTAINER FOR WASHING MACHINES OR TUMBLE DRYERS

Title (de)

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Title (fr)

CUVE EN PLASTIQUE POUR LAVE-LINGE OU SECHE-LINGE

Publication

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Application

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Abstract (en)

[origin: WO2005033400A2] The invention relates to a plastic container for a washing machine or a tumble drier, in which a drivable drum comprising an essentially horizontal shaft can be mounted. Said container comprises a wall with at least one front wall provided with a plurality of radial and concentric reinforcing ribs, the bearings having a seat in a housing that is positively arranged in the front wall. The invention also relates to the specific use of a glass-fibre reinforced polyamide for bearings of a drum in washing machines or tumble dryers, and to the specific use of a high tensile strength, glass-fibre reinforced polyamide for the bearing housing of a drum in washing machines or tumble dryers. The front wall in the region of the housing, that is embodied as a bush with a shoulder, is provided with a plurality of reinforcing ribs extending concentrically to the axis of the shaft of the drum and a plurality of reinforcing ribs extending radially away from the axis, said reinforcing ribs being used to support the separately produced bearing-receiving housing that can be screwed to the front wall. The housing together with a complementary reinforcing rib of the front wall forms a press fit at least in the region of the seat of the rolling bearing or the bush part.

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