

Title (en)

Manufacturing process of a ballasted tub for front loading laundry treating machines and tub so manufactured

Title (de)

Herstellungsverfahren für Ballastlaugenbehälter für Frontlader-Waschebehandlungsmaschinen und damit hergestellter Laugenbehälter

Title (fr)

Procédé de fabrication d'une cuve lestée pour des machines de traitement du linge à chargement par l'avant et cuve ainsi fabriquée

Publication

EP 2213778 A1 20100804 (EN)

Application

EP 09425033 A 20090202

Priority

EP 09425033 A 20090202

Abstract (en)

The present invention refers to a manufacturing process of a ballasted tub for use in connection with oscillating assemblies of laundry treating machines, such as clothes washing machines, combined washing and drying machines and clothes drying machines, of the front-loading kind. The present invention further refers to a tub manufactured with such process. The manufacturing process according to the present invention is characterized in that it comprises the following steps of: a) forming a first and a second body (2, 3), each one of them comprising a substantially cylindrical drum-like side portion (4, 9), in which a first end region (5, 10) thereof is at least partly closed by a wall (6, 11) that extends transversally relative to the extension plane of said drum-like side portion (4, 9), and a second end region (8, 17) thereof is on the contrary open; b) forming a disc-shaped member (14, 14', 14''); c) associating said disc-shaped member (14, 14', 14'') to said first end region (5) of the first tub body (2) so that, between said disc-shaped member (14, 14', 14'') and said wall (6), there is created at least one cavity (15, 15'); d) providing balancing means (25) and arranging them so that, upon conclusion of the preceding step c), said balancing means (25) are at least partly housed within said at least one cavity (15, 15'). Claimed is also a tub (1) made in accordance with said manufacturing process.

IPC 8 full level

D06F 37/26 (2006.01); **D06F 39/12** (2006.01)

CPC (source: EP US)

D06F 37/26 (2013.01 - EP US)

Citation (applicant)

- FR 2789620 A1 20000818 - SARTECH [FR]
- EP 1522624 A2 20050413 - BONICELLI FRANCESCO [IT], et al

Citation (search report)

- [DA] EP 1522624 A2 20050413 - BONICELLI FRANCESCO [IT], et al
- [A] EP 0561201 A1 19930922 - ZANUSSI ELETTRODOMESTICI [IT]
- [A] EP 0601347 A1 19940615 - ZANUSSI ELETTRODOMESTICI [IT]
- [A] FR 2654443 A1 19910517 - ZANUSSI A SPA INDUSTRIE [IT]
- [A] WO 2007115894 A1 20071018 - BSH BOSCH SIEMENS HAUSGERÄTE [DE], et al

Cited by

CN110714293A; EP2949805A1; US9828717B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2213778 A1 20100804

DOCDB simple family (application)

EP 09425033 A 20090202