

Title (en)

Inner tub for clothes washing machine

Title (de)

Innere Behälter für eine Waschmaschine

Title (fr)

Cuve intérieure d'une machine à laver le linge

Publication

EP 1467014 A1 20041013 (EN)

Application

EP 03425227 A 20030411

Priority

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Abstract (en)

An inner tub (1) for a clothes washing machine, washer-dryer or tumble dryer, comprises an access door (2) with at least one flap (3, 3') connected rotatably, by a hinge (4), to the inner tub (1) and loaded by elastic means (14) that move the flap (3, 3') to an open position; and a damper (15) for slowing the movement of the flap (3, 3'), comprising two portions (16, 17), the relative movement of which is damped, in which the said two portions (16, 17) are connected, one to the inner tub (1), and the other to the flap (3, 3'), with the interposition of at least one ratio drive mechanism (18, 19), in such a way that the relative velocity ω_A between the two portions (16, 17) is greater than the relative velocity ω_c between the flap (3, 3') and the inner tub (1). <IMAGE>

IPC 1-7

D06F 37/10

IPC 8 full level

D06F 37/10 (2006.01)

CPC (source: EP US)

D06F 37/10 (2013.01 - EP US)

Citation (search report)

- [AD] FR 2793265 A1 20001110 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- [A] FR 2811009 A1 20020104 - CIAPEM [FR]
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Cited by

EP1582618A1; US7257862B2; US8246872B2; US9731438B2

Designated contracting state (EPC)

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EP 1467014 A1 20041013; EP 1467014 B1 20060816; ES 2269959 T3 20070401

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