

Title (en)

Laundry washing-drying machine and bellow for a laundry washing-drying machine

Title (de)

Waschmaschinen-Trockner und Balg für einen Waschmaschinen-Trockner

Title (fr)

Machine à laver et à sécher le linge et soufflet destiné à une machine à laver et à sécher le linge

Publication

**EP 2843099 B1 20171011 (EN)**

Application

**EP 13182329 A 20130830**

Priority

EP 13182329 A 20130830

Abstract (en)

[origin: EP2843099A1] A laundry washing-drying machine (1) comprising: a casing (10); a tub (11)suspended in the casing; an elastically deformable bellow (20) having a ring shaped main portion (21) sealingly connected to the casing and to the tub, at a door of the machine; a projection portion (30), made in one piece with the main portion and radially extending from the main portion to a distal end; a dry air duct (18), supported in the casing and fixedly connected to an air drying unit, and having a downstream end; a bellow duct (32) formed within the projection portion of the bellow, from an inlet mouth, formed at the distal end of the projection portion and connected to the downstream end of the dry air duct, to an outlet mouth, formed in the main portion of the bellow, at the projection portion, and open into the tub. The projection portion (30) of the bellow (20) has a substantially flat shape, with two major sides and two minor sides, and the bellow duct (32) comprises at least a protrusion (40; 40'), internally formed in one of the major sides. Thus, the risk of obstructions of the bellow duct because of deformations induced by vibrations is avoided, thanks to the protrusion.

IPC 8 full level

**D06F 37/26** (2006.01); **D06F 25/00** (2006.01)

CPC (source: EP US)

**D06F 25/00** (2013.01 - EP US); **D06F 37/266** (2013.01 - EP US)

Citation (opposition)

Opponent : Whirlpool EMEA S.p.A

- US 2011285260 A1 20111124 - MOON SUK YUN [KR], et al
- "service manual of AQD1170D69EU model", INDESIT, 2014, pages 1 - 24, XP055502431

Cited by

EP3162948A1; US11186943B2; US11761141B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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