

Title (en)
Laundry machine with auxiliary de-fluff filter

Title (de)
Waschmaschine mit zusätzlichem Entflusungsfilter

Title (fr)
Machine à laver le linge avec filtre à peluches auxiliaire

Publication
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Application
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Abstract (en)
A laundry machine (100) adapted to dry laundry by means of a flow of drying air is provided. The laundry machine (100) comprises a casing (110) for accommodating components necessary for the operation of the laundry machine (100). Inside the casing, a laundry treating chamber (105) adapted to contain the laundry to be dried. A casing top element (125) incorporating at least part of an air circuit in fluid communication with the laundry treating chamber through an inlet opening (210) and through an outlet opening (215), and defining an air-path for the flow of drying air between said inlet (210) and outlet (215) openings. Said casing top element (125) comprises a first filter housing (217) for removably accommodating a first de-fluff filter (218) , said filter housing (217) being provided in the air-path and being accessible through a housing aperture (219) provided on the casing top element (125). The laundry machine (100) further comprises a first de-fluff filter (218) for trapping fluff or lint particles carried by the flow of drying air crossing said de-fluff filter (218) , the first de-fluff filter (218) comprising a filtering element (321) and a hollow chamber (361) accessible through an inlet aperture (330) and through an outlet portion (303d). In the solution according to an embodiment of the present invention, in the air-path for the flow of drying air defined by the casing top element (125), the laundry machine (100) further comprises a second de-fluff filter (221) removably received in a second filter housing (505u,505l).

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Citation (search report)

- [X] JP 2008079855 A 20080410 - MATSUSHITA ELECTRIC IND CO LTD
- [X] US 7020986 B1 20060404 - NAKAI KOJI [JP], et al
- [A] JP 2010005097 A 20100114 - KOWA CO
- [A] GB 1554725 A 19791031 - HOTPOINT LTD
- [A] DE 19756708 A1 19990701 - MIELE & CIE [DE]
- [A] US 2011271543 A1 20111110 - KIM DONGHYUN [KR], et al

Cited by
CN111021014A; EP3246455A1; AU2017202723B2; US11186943B2; US11761141B2

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