

Title (en)
LAUNDRY DRYER AND FLUFF TRAP

Title (de)
WÄSCHETROCKNER UND FLUSENFALLE

Title (fr)
SÉCHOIR À LINGE ET PIÈGE À PELUCHES

Publication
EP 3693506 A1 20200812 (EN)

Application
EP 20154493 A 20200130

Priority
IT 201900001819 A 20190208

Abstract (en)
A laundry dryer (1) comprises a housing (2) which houses a laundry compartment (3), an air circuit (4) which includes the laundry compartment (3) and a heat exchanger (5) for extracting moisture from the drying air (11), a fluff trap (6) positioned in the air circuit (4) downstream of the laundry compartment (3) and upstream of the heat exchanger (5), wherein the fluff trap (8) comprises a filter support structure (10), a sieve-filter wall (9) supported by the filter support structure (10) and a filter cleaning system (11), wherein the filter cleaning system (11) comprises:- one or more spray nozzles (12) supported by the filter support structure (10) and configured to spray one or more pressurized water jets (13) on the filter wall (9) to soak and detach fluff (14) from the filter wall (9), and- a scraping member (15) supported by the filter support structure (10) in a scraping position against the filter wall (9),- a filter movement device (16) configured to move the filter wall (9) with respect to the filter support structure (10) and with respect to the scraping member (15) so that the scraping member (15) brushes the soaked fluff (14) away from the filter wall (9).

IPC 8 full level
D06F 58/22 (2006.01)

CPC (source: EP)
D06F 58/22 (2013.01)

Citation (search report)
• [Y] WO 2015101387 A1 20150709 - ELECTROLUX APPLIANCES AB [SE]
• [Y] EP 3312334 A1 20180425 - LG ELECTRONICS INC [KR]
• [Y] US 2009158933 A1 20090625 - SCHAUB HARTMUT [DE]
• [Y] DE 7117465 U 19721005
• [YA] WO 2010071355 A2 20100624 - LG ELECTRONICS INC [KR], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
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