

Title (en)

A heat pump laundry dryer with air stream filters

Title (de)

Wäschetrockner mit Wärmepumpe mit Luftstromfiltern

Title (fr)

Sèche-linge à pompe à chaleur doté de filtres de flux d'air

Publication

**EP 2581489 A1 20130417 (EN)**

Application

**EP 11184856 A 20111012**

Priority

EP 11184856 A 20111012

Abstract (en)

The present invention relates to a laundry dryer (10) with a heat pump system. The laundry dryer (10) includes a rotatable laundry drum (12). An opening (20) is arranged in the front side of the laundry dryer (10), said opening (20) allows an access to the interior of the laundry drum (12). The heat pump system includes an air stream circuit comprising a removable fluff filter (22), a removable evaporator filter (26), an evaporator (37) and a condenser (38). The evaporator (37) and the condenser (38) are arranged in a basement of the laundry dryer (10). The evaporator filter (26) is arranged upstream the evaporator (37). The fluff filter (22) is arranged at least partially below a bottom of the opening (20). The evaporator filter (26) is arranged below and/or behind the fluff filter (22). The fluff filter (22) and the evaporator filter (26) are accessible, removable and insertable through the bottom of the opening (20). The fluff filter (22) and the evaporator filter (26) are formed as separated components, so that they can be removed/inserted one separately from the other.

IPC 8 full level

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CPC (source: EP US)

**D06F 58/206** (2013.01 - EP US); **D06F 58/22** (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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Designated extension state (EPC)

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