

Title (en)

Tumble dryer with a filter and method for operating a tumble dryer

Title (de)

Wäschetrockner mit einem Filter und Verfahren zum Betrieb eines Wäschetrockners

Title (fr)

Sèche-linge avec un filtre et procédé pour le fonctionnement d'un sèche-linge

Publication

EP 2392723 B1 20140827 (DE)

Application

EP 11007391 A 20110912

Priority

EP 11007391 A 20110912

Abstract (en)

[origin: EP2392723A2] The appliance has a door (1) for opening and closing a drying area, and a filter (3) held at the door by magnetic retaining force in an operating position, where a processing air flow is guidable from the drying area to the closed door through the filter in the operating position. The filter is removed from the operating position by overcoming the magnetic retaining force and completely detached from the door. The filter comprises a magnetic field producing element. Another filter (4) is arranged at the door over a hinge (15), where the door comprises a collar (13). An independent claim is also included for a method for operating a household appliance.

IPC 8 full level

D06F 58/22 (2006.01)

CPC (source: EP US)

D06F 58/22 (2013.01 - EP US)

Cited by

DE102016123111A1; EP2843125A1; RU2664371C1; EP3176307A1; CN110359241A; EP2787116A1; EP3187650A1; CN106939502A; CN110359242A; EP3575482A1; US9567704B2; WO2016135599A1; WO2014161813A1; WO2015007572A1; WO2014180758A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2392723 A2 20111207; EP 2392723 A3 20120418; EP 2392723 B1 20140827; DK 2392723 T3 20140915; PL 2392723 T3 20150227; SI 2392723 T1 20141231

DOCDB simple family (application)

EP 11007391 A 20110912; DK 11007391 T 20110912; PL 11007391 T 20110912; SI 201130319 T 20110912