

Title (en)

MAINTENANCE FREE DRYER HAVING MULTIPLE SELF-CLEANING LINT FILTERS

Title (de)

WARTUNGSFREIER TROCKNER MIT MEHREREN SELBSTREINIGENDEN FLUSENFILTERN

Title (fr)

SÉCHOIR SANS MAINTENANCE COMPORTANT DE MULTIPLES FILTRES À PELUCHES AUTONETTOYANTS

Publication

EP 3282049 A1 20180214 (EN)

Application

EP 17184070 A 20170731

Priority

- US 201662372825 P 20160810
- US 201762449838 P 20170124
- US 201715658934 A 20170725
- US 201715658971 A 20170725

Abstract (en)

A laundry appliance (12) includes a rotating drum (18) for processing laundry. A blower directs process air (24) through an air path (20) that includes the rotating drum (18). A heat exchanger (56) is positioned within the air path (20) that cools and dehumidifies the process air (24). A plurality of air filters (30) arranged sequentially captures lint (32) from the process air (24) at respective positions upstream of the heat exchanger (56). A filter spray system (34) has a plurality of fluid sprayers (36) that deliver fluid (38) to a surface of each air filter (30) of the plurality of air filters (30). Each fluid sprayer (36) of the plurality of fluid sprayers (36) directs captured lint (270) away from a respective air filter (30) of the plurality of air filters (30).

IPC 8 full level

D06F 58/22 (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)

D06F 58/22 (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3282050 A1 20180214; EP 3282050 B1 20190515; EP 3282049 A1 20180214; EP 3282049 B1 20201118

DOCDB simple family (application)

EP 17184083 A 20170731; EP 17184070 A 20170731