

Title (en)

Filtering cartridge for home laundry driers and home laundry drier provided with said filtering cartridge

Title (de)

Filterpatrone für Haushaltswäschetrockner und Haushaltswäschetrockner mit besagter Filterpatrone

Title (fr)

Cartouche de filtrage pour sècheirs à linge domestiques et séchage à linge fourni avec cette cartouche de filtrage

Publication

**EP 2230349 A1 20100922 (EN)**

Application

**EP 09004020 A 20090320**

Priority

EP 09004020 A 20090320

Abstract (en)

A filtering cartridge (1) for home laundry driers (2) consisting of a supporting plate (20) which is made of plastic material and is structured for being insertable in easy removable manner into a slit (3b) formed in the peripheral edge of the laundry loading/unloading opening (3a) of the laundry drier (2) so as to completely close said slit (3b), and of a substantially bag-shaped hollow shell (21) which overhangingly protrudes from the rear face of the supporting plate (20) so as to extend inside a section (9b) of the air recirculating conduit (9) of the laundry drier (2); the hollow shell (21) being realized in one piece with the supporting plate (20) via an injection molding process, and being divided into two complementary valve-like pieces (22a, 22b) which are laterally hinged to one another; the filtering cartridge (1) being also provided with a first annular gasket (24) which is made of thermoplastic elastomer and is over-injected on the whole peripheral edge of the supporting plate (20), and/or with a second annular gasket (25) which is made of thermoplastic elastomer and is over-injected along the whole coupling peripheral edge of at least one of the two valve-like pieces (22a, 22b).

IPC 8 full level

**D06F 58/22** (2006.01)

CPC (source: EP US)

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

Citation (applicant)

GB 2116068 A 19830921 - BAUKNECHT GMBH G

Citation (search report)

- [AD] GB 2116068 A 19830921 - BAUKNECHT GMBH G
- [A] GB 2091123 A 19820728 - BAUKNECHT GMBH G
- [A] EP 0106289 A2 19840425 - ZANUSSI A SPA INDUSTRIE [IT]
- [A] EP 1655401 A1 20060510 - LG ELECTRONICS INC [KR]
- [A] GB 2382642 A 20030604 - ELECTROLUX HOME PROD CORP [BE]

Cited by

US11421372B2; EP2458071A1; EP2682514A1; CN104520494A; EP2876200A1; AU2014259498B2; AU2018274956B2; EP2990520A1; CN106605019A; AU2015309201B2; EP2570547A1; EP2527527A1; EP2857574A1; DE102013110931A1; DE102013110931B4; EP2492389A1; CN104278492A; CN104520493A; US9988757B2; EP2857575A1; WO2013178517A1; WO2014005887A1; EP2581488A1; US9841223B2; WO2023043407A1; WO2014115999A1; WO2016030117A1; US9163352B2; US9279211B2; US9290885B2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2230349 A1 20100922; EP 2230349 B1 20160511**; RU 2010110539 A 20110927; RU 2539402 C2 20150120

DOCDB simple family (application)

**EP 09004020 A 20090320**; RU 2010110539 A 20100319