

Title (en)

Dryer with recirculation component and method for its operation

Title (de)

Trockner mit Umluftanteil sowie Verfahren zu seinem Betrieb

Title (fr)

Séchoir doté d'une teneur en air ambiant et son procédé de fonctionnement

Publication

EP 2194183 A3 20100901 (DE)

Application

EP 09175927 A 20091113

Priority

DE 102008044284 A 20081202

Abstract (en)

[origin: EP2194183A2] The dryer (1) has a fluff separator (21) and a damper (24) rotated against each other such that the separator disconnects an exhaust air duct (13) from a process air duct (2) in a position of a two-part closure mechanism (20). Process air i.e. exhaust air, from a drying chamber (3) is continued to flow through the exhaust air duct. The separator disconnects the recirculation duct from the process air duct such that air from the chamber flows through the recirculation duct after passing through the separator and the exhaust air duct at another position of the mechanism. An independent claim is also included for a method for operating a dryer.

IPC 8 full level

D06F 58/24 (2006.01); **D06F 58/20** (2006.01); **D06F 58/22** (2006.01)

CPC (source: EP US)

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

Citation (search report)

- [X] EP 1098028 A2 20010509 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] JP 2007319458 A 20071213 - MATSUSHITA ELECTRIC IND CO LTD
- [A] EP 1950339 A2 20080730 - ELECTROLUX HOME PROD CORP [BE]

Cited by

CN105088713A; CN102822410A; EP2550390A4; AU2011290068B2; US9238886B2; WO2013182403A1; WO2014082894A1; US11186943B2; US11761141B2

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09175927 A 20091113; AT 09175927 T 20091113; DE 102008044284 A 20081202; US 62376109 A 20091123