Title (en)

VENTED DRYER HAVING COUNTER-FLOWING AIR AND METHOD FOR THE OPERATION THEREOF

Title (de)

ABLUFTTROCKNER MIT GEGENLUFTERKENNUNG SOWIE VERFAHREN ZU SEINEM BETRIEB

Title (fr)

SÈCHE-LINGE À ÉVACUATION AVEC DÉTECTION D'UN FLUX D'AIR À CONTRE-COURANT ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 2271801 B1 20111228 (DE)

Application

EP 09737986 A 20090408

Priority

- EP 2009054246 W 20090408
- DE 102008021376 A 20080429

Abstract (en)

[origin: US8528226B2] A vented dryer having a drum to dry damp laundry by warm process air; a first process air duct upstream of the drum; a heater to heat the process air in the first process air duct; a supply air duct leading into the first process air duct; an exhaust air duct; a second process air duct downstream of the drum and transitioning into the exhaust air duct; a blower; a first temperature sensor in the first process air duct; and a heat-buildup generator to generate a heat buildup at the first temperature sensor if a counter-flowing air current occurs.

IPC 8 full level

D06F 58/00 (2006.01); **D06F 58/02** (2006.01); **D06F 58/04** (2006.01)

CPC (source: EP US)

D06F 58/04 (2013.01 - EP US); **D06F 58/50** (2020.02 - EP US); D06F 34/26 (2020.02 - EP US); D06F 2103/32 (2020.02 - EP US); D06F 2105/28 (2020.02 - EP US); D06F 2105/32 (2020.02 - EP US); D06F 2105/58 (2020.02 - EP US)

Cited by

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 TR

DOCDB simple family (publication)

US 2011041353 A1 20110224; **US 8528226 B2 20130910**; AT E539190 T1 20120115; CN 102016157 A 20110413; CN 102016157 B 20120530; DE 102008021376 A1 20091105; EP 2271801 A1 20110112; EP 2271801 B1 20111228; WO 2009132942 A1 20091105

DOCDB simple family (application)

US 98834209 A 20090408; AT 09737986 T 20090408; CN 200980115367 A 20090408; DE 102008021376 A 20080429; EP 09737986 A 20090408; EP 2009054246 W 20090408