

Title (en)

CONDENSER TUMBLE DRYER AND METHOD FOR OPERATING A CONDENSER TUMBLE DRYER

Title (de)

KONDENSATIONSTROCKNER UND VERFAHREN ZUM BETREIBEN EINES KONDENSATIONSTROCKNERS

Title (fr)

SÈCHE-LINGE À CONDENSATION ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN SÈCHE-LINGE À CONDENSATION

Publication

EP 2140061 B1 20101117 (DE)

Application

EP 08717322 A 20080303

Priority

- EP 2008052559 W 20080303
- DE 102007013997 A 20070323

Abstract (en)

[origin: WO2008116726A2] The invention relates to a condenser tumble dryer comprising a drying chamber (3) for items to be dried, a process air circuit (2), to which a heating system (18) for heating the process air is assigned, a first fan (19), which is used to guide the heated process air over the items to be dried and a heat pump circuit (13, 14, 15) comprising an evaporator (13), a compressor (14) and a condenser (15). The dryer is also equipped with a second fan (20) and an air/air heat exchanger (11, 12), through which the process air can flow, said fan (20) generating a cooling air stream for the air/air heat exchanger (11, 12) and the compressor (14). Alternatively, the drying chamber (3) is mounted on at least one roller (16) and an additional fan (29), designed to cool the compressor (14), is coupled to the roller (16) in order to be driven by the latter. The invention also relates to a method for operating a condenser tumble dryer of this type.

IPC 8 full level

D06F 58/20 (2006.01)

CPC (source: EP US)

D06F 58/06 (2013.01 - EP); **D06F 58/08** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US)

Cited by

DE102014225806A1; EP2343410A3

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007013997 A1 20080925; AT E488634 T1 20101215; DE 502008001832 D1 20101230; EP 2140061 A2 20100106; EP 2140061 B1 20101117; WO 2008116726 A2 20081002; WO 2008116726 A3 20081127

DOCDB simple family (application)

DE 102007013997 A 20070323; AT 08717322 T 20080303; DE 502008001832 T 20080303; EP 08717322 A 20080303; EP 2008052559 W 20080303