

Title (en)

Method for controlling the operation of a tumble dryer with heat pump and associated tumble dryer with heat pump

Title (de)

Steuerverfahren eines laufenden Wäschetrockners mit Wärmepumpe, und entsprechender Wäschetrockner mit Wärmepumpe

Title (fr)

Procédé de commande en fonctionnement d'une machine à sécher le linge à pompe à chaleur et machine à sécher le linge à pompe à chaleur associée

Publication

EP 2341181 B1 20130123 (FR)

Application

EP 10196505 A 20101222

Priority

FR 0906420 A 20091230

Abstract (en)

[origin: EP2341181A1] The method involves increasing temperature of air of a drying air circuit (3) and coolant of a refrigeration circuit (6) of a drying cycle of the linen with introduction of vapor into the drying air circuit, where the vapor is produced by a vapor generator (12). A fan (5) of the refrigeration circuit is operated during the introduction of vapor for increasing temperature of the air of the drying air circuit and the cooling agent of the refrigeration circuit, where a drum is driven in rotation by a motor and traversed by drying air coming from the drying air circuit. An independent claim is also included for a linen drying machine with a heat pump, comprising a body.

IPC 8 full level

D06F 58/20 (2006.01)

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US)

Cited by

CN113279226A; US11761142B2

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

DOCDB simple family (publication)

EP 2341181 A1 20110706; EP 2341181 B1 20130123; ES 2403460 T3 20130520; FR 2954781 A1 20110701; FR 2954781 B1 20111216; PL 2341181 T3 20130628

DOCDB simple family (application)

EP 10196505 A 20101222; ES 10196505 T 20101222; FR 0906420 A 20091230; PL 10196505 T 20101222