

Title (en)

METHOD AND DEVICE FOR THE NON-IRON DRYING OF DAMP MATERIAL IN PARTICULAR DAMP LAUNDRY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BÜGELFREIEN TROCKNUNG VON FEUCHTEM GUT, INSBESONDERE FEUCHTER WÄSCHE

Title (fr)

PROCEDE ET DISPOSITIF DE SECHAGE SANS REPASSAGE D'UN ARTICLE HUMIDE, EN PARTICULIER D'UN LINGE HUMIDE

Publication

**EP 1294975 B1 20040303 (DE)**

Application

**EP 01955214 A 20010618**

Priority

- DE 0102219 W 20010618
- DE 10030531 A 20000628

Abstract (en)

[origin: WO0200990A2] The invention relates to a method for drying damp material (2), whereby the above is treated in a treatment chamber (15) of a drying cabinet (1) in a mechanically immobile condition. Air (10) is directed through the treatment chamber (15) and over a condenser (13) and moisture in the air (10) condenses on the condenser (13) and can be led away. The air (10), at least during a period of the drying of the material (2), is circulated in a closed loop through the treatment chamber (15) over the material (2) for drying. Said material (2), with an increasing temperature within the treatment chamber (15), is exposed to steam or increased humidity, generated at least partly from the dampness of the material (2), circulating around with the air (10) and by means of said steam or increased humidity the material (2) is, in relation to folds and creases or similar, allowed to relax and smoothed by the preceding steps and after the beginning of the condensation is dried free of creases and folds and without ironing. The invention further relates to a drying cabinet (1) for the drying of damp materials (2), which are treated in a mechanically immobile condition in a treatment chamber (15) thereof, whereby flaps are provided to switch between closed and open circulation, which permits an introduction and exhausting of external air.

IPC 1-7

**D06F 58/10**

IPC 8 full level

**D06F 58/10** (2006.01)

CPC (source: EP US)

**D06F 58/10** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0200990 A2 20020103; WO 0200990 A3 20020627**; AT E261012 T1 20040315; AU 7746501 A 20020108; DE 10030531 A1 20020117; DE 10030531 B4 20040826; DE 50101628 D1 20040408; EP 1294975 A2 20030326; EP 1294975 B1 20040303; US 2004064966 A1 20040408; US 6796055 B2 20040928

DOCDB simple family (application)

**DE 0102219 W 20010618**; AT 01955214 T 20010618; AU 7746501 A 20010618; DE 10030531 A 20000628; DE 50101628 T 20010618; EP 01955214 A 20010618; US 31260403 A 20030407