

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

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Application

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Abstract (en)

[origin: US6796055B2] The invention describes a method for the drying of a damp material (2), whereby the material (2) is treated in a treatment chamber (15) of a drying cabinet (1) in a mechanically immobile condition, in which air (10) is directed through the treatment chamber (15) and over a condenser (13) and the moisture in the air (10) can condense at the condenser (13) and be led away. The air (10) is led about the material (2) for drying at least during a period of the drying of the material (2) in a closed loop through the treatment chamber (15) in which the material (2) at increasing temperature in the treatment chamber (15) is exposed to steam or increased humidity generated at least partly from the dampness of the material (2) or the increased humidity of the air (10) circulating around and is relaxed and smoothed by the steam or the increased humidity in relation to creases, folds or similar from preceding treatments, and with an increasing dehumidify of the residual humidity of the air (10) after the beginning of the condensation at the condenser (13) the material (2) then is freed from creases, folds or similar and therefore is then dried largely without ironing. Further the invention describes a drying cabinet (1) for the drying of the damp material (2) is treated in a treatment chamber (15) of a drying cabinet (1) in mechanically immobile condition which shows flaps (21, 22) to be switched between the circulation in the closed circulation and a treatment in the open circulation which make possible an introduction and exhausting from external air.

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