

Title (en)

METHOD FOR OPERATING A DRYER WITH A LATENT HEAT ACCUMULATOR, AND DRYER SUITABLE FOR THIS PURPOSE

Title (de)

VERFAHREN ZUM BETRIEB EINES TROCKNERS MIT EINEM LATENTWÄRMESPEICHER, SOWIE HIERZU GEEIGNETER TROCKNER

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN SÉCHOIR COMPORTANT UN ACCUMULATEUR À CHANGEMENT DE PHASE, ET SÉCHOIR CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2013174739A1] The invention relates to a method for operating a dryer 1 with a drying chamber 2 for articles to be dried, a drive motor 12, a control device 22 and a process air duct 3, in which a heater 4, a heat exchanger 5, a process air fan 6 and a latent heat accumulator 7 are situated, wherein (a) in a charging phase, the latent heat accumulator 7 is charged by way of the heat transfer of the humid process air from the drying chamber 2, whereas the process air fan 6 is operated in order to conduct the process air through the latent heat accumulator 7 at an air flow speed F1; and (b) after charging of the latent heat accumulator 7, the heater 4 is switched off or is operated at an output that is reduced in relation to step (a) in order to initiate a discharging phase; and (c) the process air fan 6 is operated in order to conduct the process air through the latent heat accumulator 7 at an air flow speed F2 which is greater than F1. Moreover, the invention relates to a dryer which is suitable for carrying out said method.

IPC 8 full level

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