

Title (en)

DRYER WITH HEAT RECOVERY AND METHOD OF OPERATION THEREOF

Title (de)

TROCKNER MIT WÄRMERÜCKGEWINNUNG SOWIE VERFAHREN ZU SEINEM BETRIEB

Title (fr)

SÉCHOIR À RÉCUPÉRATION DE CHALEUR ET PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 2134897 B1 20110525 (DE)

Application

EP 08717093 A 20080225

Priority

- EP 2008052259 W 20080225
- DE 102007011809 A 20070312

Abstract (en)

[origin: US2011005096A1] A dryer is provided having a drying chamber for items to be dried and a process air duct in which are located a heater for heating the process air, a blower for driving the process air from the heater through the drying chamber, and a heat exchanger arrangement. Via the heat exchanger arrangement, heat can be withdrawn from the process air flowing away from the drying chamber, and the process air flowing toward the heater can be fed to the heat exchanger. The process air duct is divided into a main duct and a secondary duct, the secondary duct having an evaporator in which condensate that was separated from the process air in the heat exchanger arrangement can be evaporated into the process air flowing therethrough and is connected to the exhaust opening.

IPC 8 full level

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CPC (source: EP US)

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