

Title (en)

MULTISTAGE CONTINUOUS DRYER, ESPECIALLY FOR PLATE-SHAPED PRODUCTS

Title (de)

DURCHLAUFTROCKNER IN MEHRETAGENBAUWEISE, INSBESONDERE FÜR PLATTENFÖRMIGE PRODUKTE

Title (fr)

SECHOIR CONTINU A STRUCTURE A PLUSIEURS ETAGES, EN PARTICULIER POUR DES PRODUITS SOUS FORME DE PLAQUES

Publication

EP 1869387 B1 20090729 (DE)

Application

EP 06722776 A 20060411

Priority

- DE 2006000639 W 20060411
- DE 102005017152 A 20050413

Abstract (en)

[origin: WO2006108396A2] The invention relates to a method for drying preferably plate-shaped products containing water in a multistage continuous dryer as well as such a dryer for carrying out said method. The invention is characterized in that humid air accumulated below the housing (2) in a dryer of said type is sucked off and is conveyed into the suction zone (12) of the axial fans (9) located in the lower stages, whereupon humid air is admixed in a differentiated manner to an amount of drying air and is delivered to the nozzle boxes (5) of the dryer.

IPC 8 full level

F26B 21/02 (2006.01)

CPC (source: EP US)

F26B 13/101 (2013.01 - EP US); **F26B 15/12** (2013.01 - EP US); **F26B 21/02** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006108396 A2 20061019; WO 2006108396 A3 20071004; AT E438070 T1 20090815; BR PI0610553 A2 20100706; CN 100592015 C 20100224; CN 101163935 A 20080416; DE 102005017152 A1 20061019; DE 102005017152 B4 20070208; DE 502006004375 D1 20090910; EP 1869387 A2 20071226; EP 1869387 B1 20090729; RU 2359186 C1 20090620; US 2008282575 A1 20081120; US 7997003 B2 20110816

DOCDB simple family (application)

DE 2006000639 W 20060411; AT 06722776 T 20060411; BR PI0610553 A 20060411; CN 200680011861 A 20060411; DE 102005017152 A 20050413; DE 502006004375 T 20060411; EP 06722776 A 20060411; RU 2007141914 A 20060411; US 91842206 A 20060411