Title (en)

DRYER SECTION AND METHOD FOR DRYING A WEB OF FIBROUS MATERIAL, AND MACHINE HAVING SUCH A DRYER SECTION

Title (de)

TROCKENPARTIE UND VERFAHREN ZUM TROCKNEN EINER BAHN AUS FASERMATERIAL SOWIE MASCHINE MIT EINER SOLCHEN TROCKENPARTIE

Title (fr)

SECTION DE SÉCHAGE ET PROCÉDÉ PERMETTANT DE SÉCHER UNE BANDE DE MATÉRIAU À BASE DE FIBRES, ET MACHINE MUNIE DE LADITE SECTION DE SÉCHAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014048431A2] The invention relates to a dryer section for drying a web (10) of fibrous material, particularly paper, cardboard, tissue/sanitary paper, having at least one drying unit (11) for reducing the moisture content of the web (10) by means of convection drying. The drying unit (11) has at least one nozzle (12) for applying a drying fluid to the web (10), at least one discharge device (13) for the moist air produced during convection drying, and transport means for moving the web (10) relative to the drying unit (11). The drying unit (11) has at least one ultrasonic generator (15), which is arranged, for excitating vibrations in the drying fluid, in the region of the nozzle (12) in such a manner that the reduction of the moisture content by ultrasound can be supported over the entire width of the web.

IPC 8 full level

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CPC (source: CN EP RU US)

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Citation (search report)

See references of WO 2014048431A2

Cited by

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WO 2014048431 A2 20140403; **WO 2014048431 A3 20140530**; **WO 2014048431 A9 20150326**; BR 112015007052 A2 20170704; BR 112015007052 B1 20211026; CN 104797755 A 20150722; CN 104797755 B 20180202; DE 102012217858 A1 20140612; EP 2900867 A2 20150805; RU 2015115671 A 20161120; RU 2639108 C2 20171219; US 2015247669 A1 20150903; US 9851146 B2 20171226

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