

Title (en)  
METHOD FOR DRYING OF TIMBER USING WARM AIR

Title (de)  
VERFAHREN ZUR HOLZTROCKNUNG MITTELS WARMLUFT

Title (fr)  
PROCÉDÉ DE SÉCHAGE DE BOIS DE CONSTRUCTION AU MOYEN D'AIR CHAUD

Publication  
**EP 2984431 B1 20191016 (EN)**

Application  
**EP 14782103 A 20140403**

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Abstract (en)  
[origin: WO2014168559A1] The invention concerns a method of drying of material, in particular timber, using warm air, where the drying process is divided into at least a first and a second subprocess (A, B), in series with each other, and the circulating flows (2) of the two subprocesses in the relevant drying chambers are conditioned to significantly different wet temperatures (TvA) and (TvB), respectively. In order to achieve a reduced energy input, the circulating air (2) in the first subprocess (A) is given a higher wet temperature (TvA) than the circulating air (2) in the second subprocess (B), and that heat in the circulating air (2) in the first subprocess (A) is recovered and transferred to the second subprocess (B).

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Citation (opposition)  
Opponent : MÜHLBÖCK Kurt  
• WO 0225192 A1 20020328 - WINDSOR ENGINEERING GROUP LTD [NZ], et al  
• WO 2011149327 A1 20111201 - FOREST RES INST MALAYSIA [MY], et al  
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• WO 2012045552 A1 20120412 - MCI MAN CT INNSBRUCK INTERNATIONALE HOCHSCHULE GMBH [AT], et al  
• ANONYMOUS: "Datei:Diagramm Feuchtkugelttemperatur.jpg Wikipedia", WIKIPEDIA, 28 June 2020 (2020-06-28), XP055776478

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