Title (en)
METHOD AND ARRANGEMENT FOR DRYING WOOD

Title (de)
VERFAHREN UND ANORDNUNG ZUR HOLZTROCKNUNG

Title (fr)
PROCEDE ET SYSTEME POUR SECHER DU BOIS

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Application
EP 95910047 A 19950213

Priority
- SE 9500145 W 19950213
- SE 9400464 A 19940211

Abstract (en)
[origin: WO9522035A1] Method and arrangement for drying of wood by circulating hot air around and through one or more piles (3) of the wood, arranged in batches in one or more closed drying chambers (2 a-f) in a chamber drier (1), the circulating hot air being first caused, in a heating phase, to heat the wood to the starting temperature for drying, subsequently in one or more drying phases accomplishing the actual drying, and finally, in a conditioning phase having a specially adapted air moisture content and air temperature other than during the drying, water vapour being supplied at atmospheric pressure by means (9 a-f), during the heating phase and the conditioning phase, to the hot air circulating around the wood in the drying chamber (1). The water vapour, which is generated in a vapour generator (10) and stored in an accumulator connected thereto, is supplied at a vapour generating capacity of 2-28 kW/m<3>, preferably 10-15 kW/m<3>, batch volume of the wood. The vapour generator (10) can be arranged to be supplied, preferably via a hot water conduit (12), with energy from a solid fuel central boiler plant (13) which is adapted to work by burning sawmill refuse, mainly bark.

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F26B 3/04; F26B 21/06

IPC 8 full level
F26B 21/08 (2006.01); **F26B 21/10** (2006.01)

CPC (source: EP)
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