

Title (en)

A METHOD AND AN APPARATUS FOR DRYING WOOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM TROCKNEN VON HOLZ

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE SECHER LE BOIS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0237043A1] The disclosure relates to a method and apparatus for drying wood (3). The drying takes place in a closed drying chamber (1) with the aid of elements (2) which emit radiation energy. The radiation is of such wavelength that it is absorbed by the water molecules in the wood, while the remainder of the wood is substantially unaffected. In order to control the drying, a number of indicators (7, 10) are provided which sense temperature and moisture within at least one of the wood parts (3) as well as temperature and relative humidity in the drying chamber (1). The interior of the drying chamber (1) consists of a material displaying high reflectance. The drying chamber further has a circulation fan (4) and a ventilation damper (14).

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