Title (en)

SYSTEM AND METHOD FOR DRYING WOOD

Title (de)

SYSTEM UND VEFAHREN ZUR TROCKNUNG VON HOLZ

Title (fr)

SYSTEME ET PROCEDE DE SECHAGE DE BOIS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007080318A2] The invention relates to a system for drying a load of wood, said system comprising: heat generating means for supplying the heat for drying the load of wood; heat exchanging means for transferring the heat produced by the heat generating means to a gaseous, coolant flow for treating the load of wood; combustion means for producing the CO₂coolant gas for treating the load of wood; a unit for treating the load of wood, said unit comprising a central volume, known as a technical or treatment volume and used for drying the wood, and inlet and outlet hatches for the wood, arranged at the downstream and upstream ends of the central volume; and thermal means for the dehydration or condensation of the water vapour extracted from the wood during the drying cycle. The inventive system is energy-saving and environmentally friendly. It enables a load of wood to be dried using a biothermal procedure. The wood to be dried can be any type, especially timber.

IPC 8 full level

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