

Title (en)

Drying apparatus

Title (de)

Vorrichtung zum Trocknen

Title (fr)

Dispositif de séchage

Publication

EP 0887606 B2 20080130 (DE)

Application

EP 98110125 A 19980603

Priority

DE 29711315 U 19970628

Abstract (en)

[origin: EP0887606A1] A dryer, especially suitable for wood, comprises a vessel which can be closed, carrying a flow of air through the wood. A vacuum pump is connected to the vessel. There is a heater on the air inlet, and the vessel is followed by a condenser. The air circuit is coupled to a closed coolant circuit (48) of a refrigeration machine, of which an evaporator (46) serves as a water condenser (44), and which is connected via a compressor (66) with a further, coolant circuit condenser (64), which forms part of the heating unit. Preferably, condensed water is collected (52, 56) outside the drying vessel. A spray tube (40) is provided to moisten the wood in the vessel (18), and a blower circulates the air (24).

IPC 8 full level

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CPC (source: EP)

F26B 5/04 (2013.01); **F26B 21/086** (2013.01); **F26B 2210/16** (2013.01)

Cited by

EP2479523A4; CN109405446A; CN112325600A; IT202200010103A1; CN104713313A; CN110455068A; DE102009014853A1; DE102009014855A1; WO02090852A1; WO02065039A1

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EP 0887606 A1 19981230; **EP 0887606 B1 20020306**; **EP 0887606 B2 20080130**; AT E214149 T1 20020315; DE 29711315 U1 19970828; DE 59803248 D1 20020411

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