Title (en)

DRYING KILN FOR DRYING TIMBER LOADS

Publication

EP 0163711 B1 19880323 (EN)

Application

EP 85900108 A 19841114

Priority

FI 834185 A 19831115

Abstract (en)

[origin: WO8502250A1] The timber loads (P) to be dried are introduced on a roller track (10) through a front door (11) in a drying channel. After the drying process, the timber loads (P) are removed from the opposite side of the drying kiln through a back door (13). The drying kiln comprises two or more independently operating drying chambers (K1, K2, K3) connected in series so that when the timber loads are moved from a preceding chamber (K1; K2) to the next chamber (K2; K3) the drying process is continued in said chamber (K2; K3) from the point in the drying schedule which has been reached in the preceding chamber (K1, K2). The operation of the series-connected group of drying kiln channels (K1, K2, K3) is controlled by a control system having as many control units (S1, S2, S3) as there are drying kiln chambers in the group of drying kiln chambers. After in a given control unit (S1; S2; S3) has been set a drying schedule (Fig. 3) proper for the particular timber load (P) to be dried, the control signal (a1; a2; a3) of the control unit (S1; S2; S3) is disposed to follow along with the timber load (P) being dried and to be connected always to control the control means (23, 26) of that drying chamber in which the package (P) being dried resides at any given moment.

IPC 1-7

F26B 21/06

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- EP 0122902 A2 19841024 - TEKMA OY [FI]
- AT 335918 B 19770412 - VANICEK VIKTOR [AT]

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US9964359B2; US9482465B2

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