

Title (en)

Process and apparatus for wood impregnation

Title (de)

Verfahren und Vorrichtung zur Holzimprägnierung

Title (fr)

Procédé de traitement du bois par imprégnation et dispositif associé

Publication

EP 1612016 A1 20060104 (FR)

Application

EP 05291117 A 20050525

Priority

FR 0405661 A 20040526

Abstract (en)

The method involves inserting a wood (21) in a tank (11) where it is heated by immersing in hot oil (13). A cold oil (14) contained in a tank (12) is substituted for the hot oil in the tank (11) when the wood attains sufficient temperature. The hot oil is at 100[deg] to 160[deg] Celsius, and the cold oil is at 60[deg] Celsius. The tanks are connected at their top parts by a spillage circuit (2) and at their bottom parts by a pumping circuit (3). An independent claim is also included for a device for treating wood.

IPC 8 full level

B27K 3/04 (2006.01); **B27K 1/02** (2006.01); **B27K 3/34** (2006.01)

CPC (source: EP)

B27K 3/0214 (2013.01); **B27K 3/04** (2013.01); **B27K 3/50** (2013.01); **B27K 3/48** (2013.01)

Citation (search report)

- [X] US 4670992 A 19870609 - LEONARD ROBERT E [US], et al
- [X] US 1328657 A 19200120 - FISH JR FREDERICK K
- [X] DATABASE WPI Section PQ Week 199408, Derwent World Patents Index; Class P63, AN 1994-063015, XP002312767

Cited by

CN111306903A; US2014349012A1; US9919449B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2870773 A1 20051202; FR 2870773 B1 20061229; EP 1612016 A1 20060104

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