

Title (en)
Plant and method for heat treatment of ligneous material

Title (de)
Anlage und Verfahren zur Wärmebehandlung von holzartigem Material

Title (fr)
Installation et procédé de traitement thermique d'un matériau ligneux

Publication
EP 2278241 A1 20110126 (EN)

Application
EP 09166141 A 20090722

Priority
EP 09166141 A 20090722

Abstract (en)
A plant and method for heat treatment of ligneous material in steam developing from evaporation of water therefrom are provided. Before loading into a heat chamber, the ligneous material (25) is arranged upon a carriage (24) so as to fill the work volume (2) of the heat chamber substantially mirror-symmetrically, close to the outline of the cylindrical inner face of the heat chamber, but without contact between the ligneous material (25) and pipes (6) or inner surface of the heat chamber and advantageously not higher than the uppermost pipe (6). Space between neighboring pieces of the ligneous material (25) being provided. Due to arrangement of pipes (6), conditions for natural convective circulation of the gaseous medium are provided within the heat chamber. A fluid heat-transfer medium flowing through the pipes (6) is used as a heating agent.

IPC 8 full level
F26B 3/04 (2006.01); **F26B 21/02** (2006.01); **F26B 23/10** (2006.01)

CPC (source: EP)
F26B 3/04 (2013.01); **F26B 21/02** (2013.01); **F26B 23/10** (2013.01)

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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