

Title (en)
DRYING PLANT FOR BUILDING PANELS

Publication
EP 0312888 A3 19890628 (DE)

Application
EP 88116852 A 19881011

Priority
DE 3735242 A 19871017

Abstract (en)
[origin: EP0312888A2] The invention is based on a drying plant for building panels, in particular for fibrous plaster panels or plaster panels containing chips, the panels being placed for drying on a conveyor belt and the water content contained in the panels being removed by supplying heat. In the known drying plants of the convection drier type, the drying process takes a very long time and the strength of the building panels suffers because the water content is removed very quickly on the panel surfaces in particular, as a result of which a disadvantageous dehydration takes place there. <??>According to the invention, the drying process is designed in two stages, there being provided for predrying a convection drier, after which there is connected, for post-drying, a high-frequency generator. As a result, a relatively fast drying process and, by the hydration of the surfaces in the drying process, increased strengths of the building panels are obtained. <IMAGE>

IPC 1-7
F26B 15/18; **F26B 23/08**; **F26B 25/22**

IPC 8 full level
F26B 3/34 (2006.01); **F26B 15/18** (2006.01); **F26B 23/08** (2006.01); **F26B 25/22** (2006.01)

CPC (source: EP US)
F26B 3/343 (2013.01 - EP US); **F26B 15/18** (2013.01 - EP US); **F26B 25/22** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0312888 A2 19890426; **EP 0312888 A3 19890628**; **EP 0312888 B1 19940119**; DE 3735242 A1 19890427; DE 3735242 C2 19901220; DE 3887257 D1 19940303; FI 884762 A0 19881014; FI 884762 A 19890418; JP H01212886 A 19890825; US 4890394 A 19900102

DOCDB simple family (application)
EP 88116852 A 19881011; DE 3735242 A 19871017; DE 3887257 T 19881011; FI 884762 A 19881014; JP 26127188 A 19881017; US 25858088 A 19881017