

Title (en)

Drying plant for building panels.

Title (de)

Trockneranlage für Bauplatten.

Title (fr)

Installation de séchage pour des panneaux de construction.

Publication

**EP 0312888 B1 19940119 (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

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IPC 8 full level

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CPC (source: EP US)

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