

Title (en)
Process for drying goods.

Title (de)
Verfahren zum Trocknen von Gütern

Title (fr)
Procédé de séchage de produits

Publication
EP 1748268 A3 20111102 (DE)

Application
EP 06015742 A 20060728

Priority
AT 12772005 A 20050729

Abstract (en)
[origin: EP1748268A2] In the drying of materials, e.g. wood (7), in a chamber (3) with tubing (12), connected with a heater (14) via a heat exchanger (13) and with a circulating device (11), forming a heating circuit for the chamber, the circulating gaseous drying medium (10) is not exchanged during the drying procedure and abstracts at most the amount of water vapor produced from the wood during drying. A method for drying materials, e.g. wood (7), is carried out in a plant (2) with a chamber (3) with closable feed opening(s) (4). Tubing (12) leads from openings in the chamber, and is connected with a heater (14) via a heat exchanger (13) and with a circulating device (11), forming a heating circuit for the chamber. The novel features are that: (1) the circulating gaseous drying medium (10) (specifically hot air) is not exchanged during the drying procedure and abstracts at most the amount of water vapor produced from the wood during drying; and/or (2) the heating medium in the heater (14) is a thermal oil containing or consisting of a glycol. An independent claim is included for corresponding drying apparatus, in which the tubing is connected with the chamber via a first connection (18) in the region below the material to be dried (specifically for supply of drying medium) and another connection (9) in the region above the material to be dried (specifically for abstraction of drying medium).

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CPC (source: EP)
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Citation (search report)

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