

Title (en)

Method for generation of a heating medium for drying products, advantageously food products, and device for realization of that method

Title (de)

Verfahren zur Erzeugung eines Heizmediums zur Trocknung von Produkten, vorteilhafterweise Nahrungsmittel, und Anlage zum Durchführen des Verfahrens.

Title (fr)

Procédé de génération d'un fluide chauffant pour sécher des produits, avantageusement des produits alimentaires, et dispositif pour la mise en oeuvre de ce procédé

Publication

EP 1777475 A3 20081231 (EN)

Application

EP 06460035 A 20061018

Priority

PL 37775105 A 20051020

Abstract (en)

[origin: EP1777475A2] The subject of the patent is the method for generation of heating medium for drying products, advantageously food products and the device for realization of that method. The method for generation of heating medium for drying products, advantageously food products is characterized in that as straw is combusted in the furnace(1) and the heat obtained from that combustion is used to heat a liquid medium, advantageously oil placed in the furnace(1) body, whereas with that liquid medium the pipes(3) mounted in the furnace(1) body are heated and through the pipes(3) air is passing. The air is heated up to the temperature 50 - 300°C. The device for generation of heating medium for drying products, advantageously food products is characterized in that as it is composed of the furnace(1), advantageously straw-fired one with the dual jacket(2) and in the jacket(2) space the heating medium, advantageously diathermic oil, is placed and in the jacket(2) the through-pipes(3) for air-flow are mounted, the outlets of which on one side are shielded with the collector(4), whereas at the collector(4) outlet the fan(5) is mounted.

IPC 8 full level

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CPC (source: EP)

F26B 21/002 (2013.01); **F26B 23/028** (2013.01)

Citation (search report)

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