

Title (en)

METHOD AND APPARATUS FOR VENTILATING THE MATERIAL TO BE DRIED IN A TUNNEL DRYER

Publication

**EP 0089408 B1 19871007 (DE)**

Application

**EP 82110780 A 19821122**

Priority

DE 3210652 A 19820323

Abstract (en)

[origin: EP0089408A2] 1. Method for ventilating material to be dried in a tunnel dryer, particularly for green bricks disposed in a single layer, which are moved through the dryer in the opposite direction of an air flow, which method comprises that hot drying air is first introduced with overpressure into the tunnel in the zone of the drive-out side, then accelerated at several places which are located behind each other in the longitudinal direction of the tunnel, and, transversely to the main flow direction, simultaneously directed to the material to be dried, and finally drawn off from the tunnel in the zone of the drive-in side, characterised in that, if the material to be dried is provided with air ducts, the latter are disposed transversely to the moving direction so that the drying air is led both along the outer surface and through the air ducts of the material to be dried, and that the drying air is drawn in, for accelerating it against the main flow direction, from the space of the dryer which is above the material to be dried so that the air is directed downward to the material to be dried.

IPC 1-7

**F26B 21/00**; F26B 3/04; F26B 15/16

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102007062851A1; CN102954673A; DE3817972A1; CN114294931A; DE4412353A1; ITUB20153865A1; EP0676605A1; FR2940830A1; DE29721763U1; CN115143746A; DE4412352A1; DE4412352C2; EP0343618A3; EP2098811A3; WO9705437A1; EP2065664A2

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**EP 0089408 A2 19830928**; **EP 0089408 A3 19850306**; **EP 0089408 B1 19871007**; DE 3210652 A1 19831006; DE 3210652 C2 19930311; DE 3277450 D1 19871112; ES 518165 A0 19831016; ES 8400192 A1 19831016

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