

Title (en)

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

Publication

EP 0089408 A3 19850306 (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.

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

IPC 8 full level

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CPC (source: EP)

F26B 3/04 (2013.01); **F26B 15/16** (2013.01); **F26B 21/006** (2013.01); **F26B 21/024** (2013.01)

Citation (search report)

- [AP] US 4357762 A 19821109 - EUSTACCHIO CLAUDIO
- [A] DE 1927839 A1 19701203 - MEIERLING DIPL ING HEINRICH WI
- [AP] DE 3049162 A1 19820715 - STROMMENDER GMBH KERAMIK [DE]
- [A] FR 1191253 A 19591019
- [A] DE 416312 C 19250713 - PILADE BARDUCCI
- [A] DE 2600724 B1 19770317 - KELLER OFENBAU GMBH
- [A] DE 2828247 A1 19800103 - PFISTERER ROLF
- [A] AT 283215 B 19700727 - EISENMANN KG MACHINENBAU GES [DE]
- [A] FR 2480921 A1 19811023 - DUC FRANCOIS [FR]

Cited by

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

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