

Title (en)

SEALING DEVICE FOR A TUNNEL OVEN, WAGON AND TUNNEL OVEN FOR THIS SEALING DEVICE

Publication

**EP 0086693 B1 19860625 (FR)**

Application

**EP 83400231 A 19830204**

Priority

FR 8202294 A 19820212

Abstract (en)

[origin: ES8401614A1] There is disclosed a tunnel oven which comprises a base, a guide provided on the base to guide the movement through the oven of wagons bearing product to be treated in the oven, side walls connected to the base and a roof connected to the upper ends of the side walls in order to define a treatment chamber. Each wagon comprises a base for supporting product to be treated, and wheels supporting the wagon base and engageable with the guide. The base of the oven includes a trough containing a liquid, and each wagon has a skirt depending from the wagon base which defines an under chamber below the wagon base and which has its lower edge continuously immersed in the liquid as the wagon moves through the treatment chamber. A train of wagons can thus pass through the oven, with the under chamber of each wagon sealed-off from the oven treatment chamber, whereby the wagon bases, or product carried thereby, effectively form a lower face of the treatment chamber. The skirts depending from each wagon base are formed by metal blades which extend downwardly from the longitudinal and transverse end walls of the wagon bases.

IPC 1-7

**F27B 9/26**

IPC 8 full level

**F27D 99/00** (2010.01)

CPC (source: EP US)

**F27D 99/0076** (2013.01 - EP US)

Cited by

AT400871B; US4778384A; EP0314820A1; EP0227927A1; US4722682A; EP0148804A1; FR2557965A1; DE9103904U1; DE3604501C1; EP0237791A3; US4744750A; FR2976543A1

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**EP 0086693 A1 19830824; EP 0086693 B1 19860625**; DE 3364225 D1 19860731; ES 519721 A0 19831201; ES 8401614 A1 19831201; FR 2521704 A1 19830819; FR 2521704 B1 19840323; US 4504221 A 19850312

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