

Title (en)

VIBRATING MACHINE FOR TREATING PRODUCTS, ESPECIALLY VIBRATING COOLER OR VIBRATING DRIER

Publication

EP 0114937 A3 19850123 (DE)

Application

EP 83110373 A 19831018

Priority

DE 3302531 A 19830126

Abstract (en)

[origin: EP0114937A2] In the vibrating machine, with an elongate, trough-shaped or tubular product holder and at least one linear vibration generator which generates vibration and force components essentially perpendicularly and transversely to the main conveying direction (longitudinal direction of product holder), the heat exchange is to be intensified and the throughput capacity increased. This is achieved in that there are arranged inside the product holder (1) heat exchange surfaces for the indirect heat transmission between machine and product to be treated, the arrangement of which surfaces is adapted to the position of the product to be treated in the product holder (1) and/or to the movement of the product in the product holder. The heat exchange surfaces can in this connection be designed as pipes and can be arranged to run in the longitudinal direction of the product holder or, bent in a U-shape, transversely to the longitudinal axis of the product holder, or arranged concentrically with the longitudinal axis of the product holder. <IMAGE>

IPC 1-7

F26B 17/26; **F26B 3/22**

IPC 8 full level

F26B 3/22 (2006.01); **F26B 17/26** (2006.01)

CPC (source: EP)

F26B 3/22 (2013.01); **F26B 17/26** (2013.01)

Citation (search report)

- [X] DE 2121942 A1 19721123
- [A] DE 1951541 B2 19771103
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EP0268819A3; EP0312803A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0114937 A2 19840808; **EP 0114937 A3 19850123**; DE 3302531 A1 19840726

DOCDB simple family (application)

EP 83110373 A 19831018; DE 3302531 A 19830126