

Title (en)

Apparatus for heat treatment of plate- or web-shaped goods

Title (de)

Vorrichtung zum Wärmebehandeln von durchlaufenden platten- oder bandförmigen Gütern

Title (fr)

Dispositif pour le traitement par chaleur de matière en forme de plaques ou bandes continues

Publication

EP 0856716 B1 20011121 (DE)

Application

EP 97120592 A 19971125

Priority

DE 29701755 U 19970201

Abstract (en)

[origin: US6108931A] A drying apparatus has a housing, a conveyor for displacing a flat workpiece horizontally in a travel direction through the housing on a level, and a horizontal array of horizontally elongated upper nozzle boxes lying generally in a plane above the level. Each box is formed with a plurality of downwardly directed nozzle holes and heated air is fed to the boxes so it is projected from the holes against the workpiece for drying same. Respective upper shield plates each formed with a plurality of apertures are slidable on the respective boxes between a position with the apertures aligned with at least some of the respective holes and a position with the apertures out of line with the respective holes. At least one pivotal rod extending along a rod axis in the direction has radially projecting arms each engaged with a respective one of the respective shield plates. The rod can be pivoted about the rod axis to shift all the shield plates between their positions.

IPC 1-7

F26B 15/12; **F26B 13/10**; **F26B 21/00**

IPC 8 full level

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CPC (source: EP US)

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US 6108931 A 20000829; AT E209327 T1 20011215; DE 29701755 U1 19970417; DE 59705476 D1 20020103; DK 0856716 T3 20020513; EP 0856716 A1 19980805; EP 0856716 B1 20011121; ES 2166943 T3 20020501

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US 1681898 A 19980130; AT 97120592 T 19971125; DE 29701755 U 19970201; DE 59705476 T 19971125; DK 97120592 T 19971125; EP 97120592 A 19971125; ES 97120592 T 19971125