

Title (en)
DEVICE FOR DRYING CLEANED GLASS PLATES

Publication
EP 0213532 A3 19880727 (DE)

Application
EP 86111414 A 19860818

Priority
DE 8524541 U 19850828

Abstract (en)
[origin: US4702017A] Dryer for drying washed glass plates as they travel in a housing having an entrance slot and an exit slot and contains a conveyor having bottom members and backing elements defining a plane of travel for the glass plates. Elongate front and rear blast nozzles are provided and which are respectively disposed on both sides of the plane of travel and are upwardly inclined opposite to the direction of travel and have air exit slots which face the plane of travel and extend upwardly from a level which is close to the level of the bottom edge supporting conveyor. Respective shields are provided between the blast nozzles and the adjacent walls of the housing. The housing has an exhaust air outlet. In one embodiment, the top end of each blast nozzle is spaced from the entrance end wall of the dryer and the exhaust air opening is formed in the top wall of the housing between the upper ends of the blast nozzles and the entrance end wall of the dryer. In another embodiment, each shield extends between one of the blast nozzles and the adjacent side wall of the housing and is contiguous to said adjacent side wall up to a predetermined level along a line which is approximately parallel to the blast nozzle and above said level is contiguous to said side wall along a steeper line, and the exhaust air outlet is formed in the top wall of the housing at the top end of a duct which is defined by the shields and the entrance end wall of the dryer.

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B08B 11/04

IPC 8 full level
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CPC (source: EP US)
E06B 3/67365 (2013.01 - EP US); **F26B 3/04** (2013.01 - EP US); **F26B 15/12** (2013.01 - EP US)

Citation (search report)
• [A] US 3497897 A 19700303 - WEHR ROBERT L
• [A] US 3390413 A 19680702 - FRENCH JACK W, et al

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US 90067386 A 19860827; AT 86111414 T 19860818; CA 516936 A 19860827; DE 3673287 T 19860818; DE 8524541 U 19850828; EP 86111414 A 19860818