

Title (en)

NOZZLE BOX FOR A DRYING DEVICE FOR DRYING PLATE-LIKE MATERIALS

Title (de)

DÜSENKASTEN FÜR EINE TROCKNUNGSVORRICHTUNG ZUM TROCKNEN PLATTENARTIGER MATERIALIEN

Title (fr)

BOÎTE À BUSES POUR UN DISPOSITIF DE SÉCHAGE SERVANT À SÉCHER DES MATÉRIAUX EN FORME DE PANNEAU

Publication

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Application

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Abstract (en)

[origin: WO2019174784A1] The invention relates to a nozzle box (7, 7') arranged in a drying device transversely to a plate (8) to be dried in the drying device by means of drying air. The nozzle box (7, 7') has a conical shape at least in a direction perpendicular to the flow direction of the drying air in the nozzle box (7, 7'), and a drying surface provided with nozzles (18) and facing the plate (8), wherein the drying air flows from a plurality of nozzles (18) arranged in rows in the drying surface onto the plate (8). The nozzle box (7, 7') is characterised in that the ratio of the sum of the openings of the nozzles (18) per square metre to the drying area is less than 1.1%.

IPC 8 full level

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Citation (search report)

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