

Title (en)

DRYING APPARATUS FOR ARTICLES ON A CONVEYOR

Title (de)

TROCKNUNGSVORRICHTUNG FÜR GEGENSTÄNDE AUF EINER FÖRDEREINRICHTUNG

Title (fr)

APPAREIL DE SECHAGE POUR ARTICLES TRANSPORTES PAR CONVOYEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0244637A1] A drying apparatus (1) for removing surface moisture from articles travelling on a conveyor, includes a drying enclosure (2) for positioning at a drying portion of the conveyor at least partially to enclose articles travelling along the drying portion of the conveyor. A pair of converging guide rods (11a, 11b) are provided at the entrance (9) to the drying enclosure (2) and are adjustably mounted so that articles arriving at the drying enclosure are engaged and spun as they enter the drying enclosure. Arrays (15a, 15b) of air jets (16) within the drying enclosure directs streams of air from both sides of the conveyor at the articles at selected heights above the conveyor to displace moisture from the surface of the articles. The enclosure has drainage sumps (20a, 20b) at the base thereof and air extraction hoods (21a, 21b) above the air jet arrays for collecting and discharging the displaced water from the enclosure.

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