

Title (en)

Method of and apparatus for drying products with a closed gas stream and a desiccant liquid; and products prepared thereby.

Title (de)

Verfahren und Vorrichtung zum Trocknen von Produkten mittels eines geschlossenen Gasumlaufs und einer trocknenden Flüssigkeit und so hergestellte Produkte.

Title (fr)

Procédé et appareil pour le séchage de produits par un courant de gaz en circulation fermée et d'un liquide dessiccant, et produits ainsi obtenus.

Publication

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Application

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Priority

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Abstract (en)

A method of and apparatus for drying products with a gas stream passing the product to extract moisture therefrom and a contacting device (43) producing at least one desiccant liquid layer (1) in the vicinity of the product (50) to be dried, which liquid layer removes moisture from the gas. The gas stream is bubbled through a substantially horizontal liquid layer or can pass between liquid film conducting elements (58). The desiccant liquid is continuously regenerated in a regenerator (150). By means of several partial gas streams and a contacting device having more separated liquid film modules, a counter-current type of drying is possible. The product to be dried can be heated to a predetermined temperature by the desiccant liquid through the drying gas stream.

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