

Title (en)

A FLASH DRYER FOR DRYING A PRODUCT AND A METHOD FOR DRYING A PRODUCT IN A FLASH DRYER

Title (de)

SCHNELLTROCKNER ZUM TROCKNEN EINES PRODUKTS UND VERFAHREN ZUM TROCKNEN EINES PRODUKTS IN EINEM SCHNELLTROCKNER

Title (fr)

SÉCHEUR ÉCLAIR POUR LE SÉCHAGE D'UN PRODUIT ET PROCÉDÉ DE SÉCHAGE D'UN PRODUIT DANS UN SÉCHEUR ÉCLAIR

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Application

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Priority

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Abstract (en)

The invention relates to a flash dryer (1) for drying a product (2). The flash dryer (1) comprises a chamber (3) having a product inlet (4) and a product outlet (5). The flash dryer (1) further comprises a disc (6) fixedly arranged in the lower section of the chamber (3) below the product inlet (4), a primary air inlet (12) arranged to provide air into the chamber (3), a drive unit (13) having a drive shaft (14) extending through a hole (15) in the mid-section (11) of the disc (6), a plurality of rotatable disintegrator elements (23) connected to the drive shaft (14), and a rotatable shovel arm (16) connected to the drive shaft (14) and adapted to distribute the product (2) in the lower section of the chamber (3). The invention also related to a method for drying a product (2) in a flash dryer (1).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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