

Title (en)
DOUBLE-SHELL DRYER

Title (de)
DOPPELHÜLLEN-TROCKNER

Title (fr)
SECHOIR A DOUBLE GAINÉ

Publication
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Application
EP 01960051 A 20010907

Priority
• CH 0100541 W 20010907
• DE 10045878 A 20000914

Abstract (en)
[origin: WO0223108A1] The invention relates to a device and method for the drying of damp products, in particular, pasta. According to the invention, the product to be dried in a dryer, is placed in an inner chamber (1) and humid warm air is circulated around said product, in order to ensure a gentle drying thereof. Dry hot air flows in an outer chamber (3), enclosing the inner chamber (1), which prevents a condensation of water forming in the outer chamber (3). The inner shell (2) has essentially no heat insulation as the external shell (4) has a conventional heat insulation from the outside air. Said dryer construction with a double shell (2, 4) prevents damp from entering the insulation material of the insulating layer (5) through the inner shell (2) and thus forming heat bridges, despite incomplete sealing of the inner chamber (1).

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Cited by
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WO 0223108 A1 20020321; AT E287519 T1 20050215; AU 8166101 A 20020326; BR 0113840 A 20030603; DE 10045878 A1 20020328; DE 50105140 D1 20050224; EP 1317647 A1 20030611; EP 1317647 B1 20050119; JP 2004508530 A 20040318; RU 2003110425 A 20041010; TR 200300326 T2 20030922; US 2004045183 A1 20040311

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