

Title (en)

A DRYING UNIT FOR STERILIZING A WEB OF PACKAGING MATERIAL FOR PACKAGING LIQUID FOOD PRODUCTS

Title (de)

TROCKNUNGSEINHEIT ZUM STERILISIEREN EINER VERPACKUNGSMATERIALBAHN ZUM VERPACKEN VON FLÜSSIGEN
LEBENSMITTELPRODUKTEN

Title (fr)

UNITÉ DE SÉCHAGE POUR LA STÉRILISATION D'UNE TOILE DE MATÉRIAU D'EMBALLAGE POUR LE CONDITIONNEMENT DE PRODUITS
ALIMENTAIRES LIQUIDES

Publication

EP 3367031 A1 20180829 (EN)

Application

EP 18157445 A 20180219

Priority

EP 17158532 A 20170228

Abstract (en)

A drying unit for removing a sterilization agent from a web of packaging material comprising a succession of pre-applied opening devices, and the web is adapted to be transformed in to a plurality of sealed packages containing a pourable food product. The drying unit comprises a device for creating a stream of air and a drying member connected to the device for creating a stream of air and for removing the sterilizing agent from the web. The drying member comprises at least two adjacent and angled slits in a length direction of the web and which are extending across at least a width of the web such that the stream of air is directed to the web and onto the longitudinal portion of the web provided with the opening devices and for removing the sterilization agent.

IPC 8 full level

F26B 13/00 (2006.01); **F26B 21/00** (2006.01)

CPC (source: EP)

F26B 13/00 (2013.01); **F26B 21/004** (2013.01)

Citation (search report)

- [X1] EP 1291458 A2 20030312 - HIRANO KINZOKU CO LTD [JP]
- [X1] US 5231774 A 19930803 - KOSE JUNICHI [JP], et al
- [X1] DE 3630571 A1 19870326 - VALMET OY [FI]

Cited by

EP3756693A3; WO2020260190A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3367031 A1 20180829; CN 208453350 U 20190201

DOCDB simple family (application)

EP 18157445 A 20180219; CN 201820280963 U 20180228