

Title (en)
DEVICE AND METHOD FOR FOODSTUFFS CONDITIONING

Title (de)
VORRICHTUNG UND VERFAHREN ZUR KONDITIONIERUNG VON NAHRUNGSMITTELN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CONDITIONNEMENT DE DENRÉES ALIMENTAIRES

Publication
EP 2946153 A1 20151125 (EN)

Application
EP 13830128 A 20131216

Priority

- SI 201200387 A 20121224
- SI 2013000082 W 20131216

Abstract (en)
[origin: WO2014104985A1] The subject of the invention is the device and method for conditioning of foodstuffs, which solve the technical problems of: maintaining the temperature of foodstuffs at a desired temperature; slowing down the equilibration of foodstuff temperature with the ambient temperature and reducing the consumption of energy products required for foodstuff conditioning. The device according to the invention comprises at least a pallet (1) to which containers for foodstuff conditioning are loaded and containers for foodstuff conditioning (2). Foodstuffs are loaded into containers for foodstuff conditioning (2) in which the temperature is maintained with the flow of the medium at a suitable temperature through the walls of the container. The flow medium for foodstuff conditioning is primarily air; however, any other gas or water may also be used. A fraction of the flow medium may also be supplied into the interior of the containers for foodstuff conditioning to ensure a faster attainment of the desired temperature of foodstuffs. Inlet and outlet lines of the flow medium (5, 6) for foodstuff conditioning are connected to the pallet (1). The pallet is constructed in such a manner that the flow medium for foodstuff conditioning is evenly distributed in the containers for foodstuff conditioning (2). When the container for foodstuff conditioning is loaded on the pallet (1), the weight of the container opens the inlet channel of the flow medium (3) for foodstuff conditioning by applying pressure on the pallet (1). In the same way, the flow through the outlet channel of the flow medium (4) for foodstuff conditioning is ensured. Several containers for foodstuff conditioning (2) may be loaded on the pallet (1), whereby the inlet and outlet channels of the flow medium (3, 4) are only open in places where the containers for foodstuff conditioning are loaded.

IPC 8 full level
F25D 15/00 (2006.01); **B65D 71/00** (2006.01); **B65D 81/18** (2006.01); **F25B 21/02** (2006.01); **F25D 3/10** (2006.01); **F25D 17/08** (2006.01); **F25D 19/00** (2006.01)

CPC (source: EP)
B65D 81/18 (2013.01); **F25D 15/00** (2013.01); **F25D 19/003** (2013.01); **F25D 23/068** (2013.01); **B65D 81/3823** (2013.01); **F25B 21/02** (2013.01); **F25D 3/105** (2013.01); **F25D 2317/0651** (2013.01); **F25D 2317/0661** (2013.01)

Citation (search report)
See references of WO 2014104985A1

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)
WO 2014104985 A1 20140703; EP 2946153 A1 20151125; EP 2946153 B1 20210324; SI 24250 A 20140630; SI 2946153 T1 20211130

DOCDB simple family (application)
SI 2013000082 W 20131216; EP 13830128 A 20131216; SI 201200387 A 20121224; SI 201331897 T 20131216