

Title (en)

Method for filling a cooling module assigned to a transport container for transporting cooled products and device for carrying out this method

Title (de)

Verfahren zum Befüllen eines einem Transportbehälter zum Transportieren gekühlter Produkte zugeordneten Kühlmoduls und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de remplissage d'un module de refroidissement associé à un réservoir de transport pour le transport de produits réfrigérés et dispositif de mise en oeuvre du procédé

Publication

EP 2597402 B1 20190731 (DE)

Application

EP 12192227 A 20121112

Priority

DE 102011119526 A 20111126

Abstract (en)

[origin: EP2597402A2] The method involves bringing the cooling agent into thermal contact with a product (3) during intended use of a transport container (1). The product is cooled by using the evaporation-, melting or sublimation enthalpy of the cooling agent. The mass of the product placed in the storage area (2) is determined before start of the usage. A value for the total mass of water in the product is calculated from the mass and the specific water proportion of the placed product. An enthalpy value for the total mass of water in the product is determined at a tolerance temperature difference. An independent claim is included for a device for executing the cooling module filling method.

IPC 8 full level

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CPC (source: EP)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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