

Title (en)

Low temperature conservation process for products in an insulated enclosure, apparatus for carrying out the process, insulated enclosure and container for such an enclosure

Title (de)

Verfahren zur Konservierung von Waren bei niedrigen Temperaturen in einem isolierten Gehäuse, Vorrichtung zur Durchführung des Verfahrens, isoliertes Gehäuse und Behälter für solch ein Gehäuse

Title (fr)

Procédé de conservation à basse température de produits dans une enceinte isolée, installation pour la mise en oeuvre du procédé, enceinte isolée et bac pour une telle enceinte

Publication

EP 0631096 B1 19970716 (FR)

Application

EP 94401392 A 19940622

Priority

- CA 2129863 A 19940810
- CH 281494 A 19940915
- FR 9307615 A 19930623
- US 28571894 A 19940804

Abstract (en)

[origin: EP0631096A1] The insulated enclosure (1) for conservation and transport comprises a carbon dioxide snow container (2) provided with a lateral opening (5) allowing pressurised liquid CO₂ to be injected into the container by means of a distributor (10) connected to a liquid CO₂ source (6), the distributor means being fitted with a solenoid valve (18) controlled by a control unit (19) comprising timer means allowing the duration of injection of liquid CO₂ into the container (2) to be selected in order to form therein a metered reserve of carbon dioxide snow. Application to the conservation and transport of fresh food products as frozen food products. <IMAGE>

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F25D 3/12

IPC 8 full level

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CPC (source: EP US)

F25D 3/125 (2013.01 - EP US); **F25D 29/001** (2013.01 - EP US)

Cited by

FR2758620A1; DE102010013056B4; FR2751623A1; US6131404A; EP0717246A1; EP0854334A1; EP1408295A3; DE19808267A1; CN112317745A; DE19749055A1; DE19749055C2; FR2752049A1; EP0823600A3; FR2752456A1; DE102011119526A1; EP2597402A3; DE102010013079A1; WO2011061431A1; EP2025249A1; DE102010013056A1; EP3090961A1; EP0863374A2; FR2760826A1; WO9840680A2; EP3653976A1; US11378323B2

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