

Title (en)  
Reserve tank for carbon dioxide snow

Title (de)  
Trockeneisvorratsfach

Title (fr)  
Bac de réserve de neige carbonique

Publication  
**EP 0631096 B2 20010207 (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 CO<sub>2</sub> to be injected into the container by means of a distributor (10) connected to a liquid CO<sub>2</sub> 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 CO<sub>2</sub> 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>

IPC 1-7  
**F25D 3/12**

IPC 8 full level  
**F25D 3/12** (2006.01); **F25D 29/00** (2006.01)

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

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

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**EP 0631096 A1 19941228; EP 0631096 B1 19970716; EP 0631096 B2 20010207**; CA 2129863 A1 19960211; CH 690458 A5 20000915; DE 69404231 D1 19970821; DE 69404231 T2 19971218; DE 69404231 T3 20010523; ES 2106468 T3 19971101; ES 2106468 T5 20010316; FR 2706990 A1 19941230; FR 2706990 B1 19950804; US 5511379 A 19960430; US 5566553 A 19961022

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