

## Title (en)

Insulated and refrigerated container for transporting medicine vials together with related material.

## Title (de)

Isolier- und Kühlbehälter zum Transport von Arzneimittelflaschen und dazugehörigem Material.

## Title (fr)

Conteneur isotherme et réfrigéré pour le transport de flacons de médicaments et du matériel s'y rapportant.

## Publication

**EP 0397607 A1 19901114 (EN)**

## Application

**EP 90830134 A 19900402**

## Priority

IT 2083689 U 19890403

## Abstract (en)

A portable heat-insulating container comprises two half-boxes (1,2) of hollow shape, hinged to each other and provided with snaps shutting by means of tongues (8), snapping into suitable seats (8a). The lower half-box or base member (1) contains an insulating spongy body (3) as a resin foam pad with recesses (11, 11a, 11b) for housing at least one vial of injectable product and possibly napkins or cotton compresses. The pad (3) is separated from one side of the container by a rib (10a) defining a space (10) for housing a syringe. Also the upper half-box or cover (2) is filled with a spongy body (4) formed with a cavity (12) for housing a dry-ice accumulator cell (13) of known type. Such a container is particularly but not exclusively useful for insulin vials and all what may be necessary for injections to diabetics.

## IPC 1-7

**A61J 1/16**; **B65D 81/18**; **F25D 3/14**

## IPC 8 full level

**A61J 1/16** (2006.01); **B65D 81/18** (2006.01); **F25D 3/14** (2006.01)

## CPC (source: EP)

**A61J 1/165** (2013.01); **B65D 81/18** (2013.01); **F25D 3/14** (2013.01); **F25D 2303/0844** (2013.01); **F25D 2331/804** (2013.01)

## Citation (search report)

- [A] GB 1017324 A 19660119 - REBECCA JENTIS
- [A] US 4322954 A 19820406 - SHEEHAN LAURENCE M, et al
- [A] FR 1394113 A 19650402 - CARBONIQUE

## Cited by

CN113002936A; US8858063B1; US6090070A; CN110530089A; GB2447665A; FR2850364A1; FR2716105A1; EP0682920A1; DE4438141A1; CN107934146A; US11207239B2; US7597196B2; CN105253470A; KR101637003B1; US6959814B1; CN106956861A; EP2080969A1; GB2253334A; GB2253334B; EP0507432A3; US9289355B2; US11602487B2; WO2012048751A1; WO2009143442A3; WO2013036809A3; KR200448106Y1

## Designated contracting state (EPC)

BE CH DE ES FR GB LI LU NL

## DOCDB simple family (publication)

**EP 0397607 A1 19901114**; **EP 0397607 B1 19930113**; DE 69000753 D1 19930225; DE 69000753 T2 19930429; ES 2037545 T3 19930616; IT 220372 Z2 19930920; IT 8920836 V0 19890403

## DOCDB simple family (application)

**EP 90830134 A 19900402**; DE 69000753 T 19900402; ES 90830134 T 19900402; IT 2083689 U 19890403