

Title (en)

Box for products to be kept cold

Title (de)

Schachtel für kalt zu haltende Produkte

Title (fr)

Boîte pour produits à maintenir froids

Publication

EP 0940352 A2 19990908 (EN)

Application

EP 99301726 A 19990308

Priority

- GB 9804883 A 19980306
- GB 9805135 A 19980310

Abstract (en)

A portable box defining a space for containing a product, e.g. a frozen or chilled foodstuff, includes an internal compartment (19) for accommodating a cooling means, e.g. dry ice. A lid (16) allows a consumer access to the box. A partition (18) prevents contact between the product (or the consumer's hand) and the cooling means and permits heat transfer by convection. The box is constructed of poorly conductive sheet material (cardboard) and heat entering any side of the box preferably has to pass through at least two thicknesses of the sheet material. <IMAGE>

IPC 1-7

B65D 81/18; B65D 5/66; B65D 5/48; B65D 5/56; B65D 5/50

IPC 8 full level

B65D 5/489 (2006.01); **B65D 5/50** (2006.01); **B65D 5/56** (2006.01); **B65D 5/66** (2006.01); **B65D 81/18** (2006.01); **F25D 3/14** (2006.01)

CPC (source: EP)

B65D 5/4802 (2013.01); **B65D 5/5035** (2013.01); **B65D 5/505** (2013.01); **B65D 5/566** (2013.01); **B65D 5/66** (2013.01); **B65D 81/18** (2013.01); **F25D 3/14** (2013.01); **F25D 2303/0844** (2013.01)

Cited by

US10383244B2; DE102006029614B3; ITUB20156279A1; CN107585443A; KR20210080119A; WO2007149359A3; WO2012028104A1

Designated contracting state (EPC)

BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0940352 A2 19990908; **EP 0940352 A3 19991215**; **EP 0940352 B1 20030618**; DE 69908839 D1 20030724; DE 69908839 T2 20040513; DK 0940352 T3 20031006; ES 2201633 T3 20040316; HK 1022459 A1 20000811; PT 940352 E 20031031

DOCDB simple family (application)

EP 99301726 A 19990308; DE 69908839 T 19990308; DK 99301726 T 19990308; ES 99301726 T 19990308; HK 00101448 A 20000502; PT 99301726 T 19990308