

Title (en)

BOTTLE COOLER DEFROSTER AND METHODS

Title (de)

FLASCHENKÜHL-/ABTAUVORRICHTUNG UND VERFAHREN

Title (fr)

SYSTEME DE REFRIGERATION/DEGIVRAGE DE BOUTEILLE ET PROCEDES

Publication

EP 1859211 A1 20071128 (EN)

Application

EP 05856009 A 20051230

Priority

- US 2005047529 W 20051230
- US 66396105 P 20050318

Abstract (en)

[origin: WO2006101567A1] A bottle cooler system (20, 70, 100) includes a compressor (22), a first heat exchanger (24) and a second heat exchanger (28). In a cooling mode of operation, the second heat exchanger is downstream of the first heat exchanger and upstream of the compressor to cool contents of an interior volume. In a defrost mode of operation, refrigerant in the second heat exchanger is used to defrost an ice build-up on the second heat exchanger.

IPC 8 full level

F25B 49/00 (2006.01); **F25B 41/00** (2006.01); **F25B 41/04** (2006.01); **F25B 47/00** (2006.01); **F25D 17/02** (2006.01); **F25D 21/06** (2006.01); **G05D 23/32** (2006.01)

CPC (source: EP US)

F25B 47/022 (2013.01 - EP US); **F25B 9/008** (2013.01 - EP US); **F25B 13/00** (2013.01 - EP US); **F25B 47/025** (2013.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2700/21173** (2013.01 - EP US); **F25B 2700/21175** (2013.01 - EP US); **F25D 19/02** (2013.01 - EP US); **F25D 31/007** (2013.01 - EP US); **F25D 2331/803** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006101567 A1 20060928; CN 101142454 A 20080312; EP 1859211 A1 20071128; EP 1859211 A4 20100804; JP 2008533429 A 20080821; US 2008184715 A1 20080807

DOCDB simple family (application)

US 2005047529 W 20051230; CN 200580049180 A 20051230; EP 05856009 A 20051230; JP 2008501867 A 20051230; US 90862307 A 20070914