

Title (en)  
Ice bank cooler

Title (de)  
Eisspeicher-Kühler

Title (fr)  
Refroidisseur banc de glace

Publication  
**EP 2295369 B1 20160413 (EN)**

Application  
**EP 10194049 A 20070709**

Priority  
• EP 07252746 A 20070709  
• GB 0613596 A 20060708

Abstract (en)  
[origin: EP1876137A1] A beverage dispense system for a post-mix beverage dispenser in which the concentrate lines 5 are passed through a cooling module 33 within the dispenser. The cooling module 33 has a chamber 33a that is flooded with coolant for heat exchange with the concentrate. The coolant is circulated in a line 21 between a remote cooler 15 and the cooling module 33 within a python 19. Diluent is circulated in a line 9 between the cooler 15 and the beverage dispenser for mixing with the concentrate. In a modification, the coolant may comprise diluent for mixing with the concentrate. The concentrate lines 5 do not pass through the python 19.

IPC 8 full level  
**B67D 1/00** (2006.01); **B67D 1/08** (2006.01); **F25D 17/02** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP GB)  
**B67D 1/0021** (2013.01 - EP GB); **B67D 1/0857** (2013.01 - GB); **B67D 1/0864** (2013.01 - EP GB); **B67D 1/0865** (2013.01 - GB); **B67D 1/0867** (2013.01 - EP); **B67D 1/0884** (2013.01 - EP); **F25D 17/02** (2013.01 - GB); **F25D 31/003** (2013.01 - GB); **B67D 2210/00125** (2013.01 - EP); **F25D 17/02** (2013.01 - EP); **F25D 31/003** (2013.01 - EP)

Citation (examination)  
• US 2003094005 A1 20030522 - BETHUY TIMOTHY W [US], et al  
• GB 2317680 A 19980401 - RYAN DANIEL JOSEPH [IE]  
• GB 2291698 A 19960131 - IMI CORNELIUS [GB]  
• GB 2213246 A 19890809 - IMI CORNELIUS [GB]  
• EP 0315439 A2 19890510 - COCA COLA CO [US]  
• GB 1209544 A 19701021 - GASKELL & CHAMBERS NON DRIP ME

Cited by  
US10793413B2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1876137 A1 20080109; EP 1876137 B1 20130522**; DK 1876137 T3 20130729; EP 2295369 A1 20110316; EP 2295369 B1 20160413; EP 2295370 A1 20110316; EP 2295370 B1 20160413; ES 2424148 T3 20130927; GB 0613596 D0 20060816; GB 0804872 D0 20080416; GB 0809292 D0 20080702; GB 2440329 A 20080130; GB 2440329 B 20091104; GB 2446312 A 20080806; GB 2446312 B 20090211; GB 2448621 A 20081022; GB 2448621 B 20100428; PL 1876137 T3 20131031

DOCDB simple family (application)  
**EP 07252746 A 20070709**; DK 07252746 T 20070709; EP 10194049 A 20070709; EP 10194051 A 20070709; ES 07252746 T 20070709; GB 0613596 A 20060708; GB 0804872 A 20060708; GB 0809292 A 20060708; PL 07252746 T 20070709