

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)
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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)
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