

Title (en)  
Beverage dispense

Title (de)  
Getränkeausgabe

Title (fr)  
Distributeur de boisson

Publication  
**EP 1876137 A1 20080109 (EN)**

Application  
**EP 07252746 A 20070709**

Priority  
GB 0613596 A 20060708

Abstract (en)  
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)

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 (search report)  
• [X] WO 03035536 A2 20030501 - MANITOWOC FOODSERVICE CO INC [US]  
• [A] US 5228312 A 19930720 - WILLIAMS WARREN L [US]  
• [A] US 3011681 A 19611205 - KROMER WALLACE R  
• [A] US 5673820 A 19971007 - GREEN THOMAS S [US], et al  
• [A] GB 2346679 A 20000816 - SHARP DAVID [GB], et al

Citation (third parties)  
Third party :  
• GB 2146620 A 19850424 - SCHWEPPES LTD  
• GB 2327748 A 19990203 - SCOTTISH & NEWCASTLE PLC [GB]  
• GB 2346679 A 20000816 - SHARP DAVID [GB], et al  
• US 4676400 A 19870630 - LAMONT CHARLES E [CA], et al

Cited by  
GB2486863A; GB2486863B; WO2011051707A3; WO2015004443A1; WO2009087336A1; US10793413B2; US8584897B2; US11339045B2; US11697578B2; WO2009037446A3; WO2020172225A1

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Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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