

Title (en)  
A beverage dispense system

Title (de)  
Getränkeausgabevorrichtung

Title (fr)  
Un distributeur de boissons

Publication  
**EP 1862427 A1 20071205 (EN)**

Application  
**EP 07252232 A 20070601**

Priority  
GB 0610810 A 20060601

Abstract (en)  
A beverage dispense system provided with at least one dispense head 10 in a serving area for dispense of a beverage and a product line 14 for transferring beverage from a remote beverage source to the dispense head 10. The product line 14 is contained within a python that contains a cooling circuit 20 for transferring coolant to and from the serving area and a cooling module 22 is provided proximate the dispense head 10 in the serving area for cooling beverage transferred to the dispense head 10 in the product line 14. The cooling module 22 comprises a tank 24 connected to the coolant circuit 20 for circulating coolant through the tank 24 and a tubular product coil 36 within the tank 24 for passing product through the coil 36. The product coil 36 is located in a chamber 28 within the tank 24 and contacts opposed surfaces of the chamber 28 to define therewith a flow path 44 for the coolant to promote heat exchange between the product and the coolant for cooling the product to a desired temperature. Inlet temperature and flow rate of the coolant may be controlled to achieve a reduction of product temperature that is substantially independent of product draw-off rate from the dispense head 10.

IPC 8 full level  
**B67D 1/08** (2006.01); **F28D 7/02** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP GB)  
**B67D 1/0867** (2013.01 - EP GB); **F25D 31/002** (2013.01 - EP GB); **F25D 31/006** (2013.01 - GB); **F28D 7/024** (2013.01 - EP GB); **F28F 9/22** (2013.01 - EP GB); **F28F 2009/224** (2013.01 - EP)

Citation (search report)

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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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1862427 A1 20071205**; GB 0610810 D0 20060712; GB 0710489 D0 20070711; GB 2438740 A 20071205; GB 2438740 B 20110216

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**EP 07252232 A 20070601**; GB 0610810 A 20060601; GB 0710489 A 20070601