

Title (en)
Spear valve with cooling coil

Title (de)
Steigrohrventil mit Kühlwicklung

Title (fr)
Vanne pour tube plongeur avec serpentin refroidissant

Publication
EP 1650157 A1 20060426 (EN)

Application
EP 05256592 A 20051024

Priority
GB 0423604 A 20041023

Abstract (en)
Apparatus for dispensing a beverage such as beer from a keg 101 has a head unit 104 provided with a helical cooling coil 108 and a dispense tube 117. The head unit 104 engages a boss 102 in the upper end of the keg 101 and the cooling coil 108 and dispense tube 117 extend to the lower end of the keg 101. The head unit 104 is connectable to a source of coolant for circulating coolant through the cooling coil 108 to cool the beverage in the keg 101 to a desired temperature. The head unit 104 is also connectable to a gas source for pressurising a headspace above the beverage in the keg and forcing beverage through the dispense tube 117 to a dispense line connected to a dispense head in response to initiation of a dispense.

IPC 8 full level
B67D 1/08 (2006.01); **B67D 7/80** (2010.01); **F25D 31/00** (2006.01)

CPC (source: EP GB)
B67D 1/0802 (2013.01 - EP); **B67D 1/0832** (2013.01 - EP); **B67D 1/0857** (2013.01 - EP); **F25D 31/003** (2013.01 - EP); **F25D 31/006** (2013.01 - GB); **F25D 2331/802** (2013.01 - EP)

Citation (search report)
• [XY] US 2187389 A 19400116 - WINKLER WYNNE G
• [XY] US 2638758 A 19530519 - DAUN CARL L
• [A] US 2177207 A 19391024 - DEL NERO MARTIAL

Cited by
RU2503899C2; NL2001882C2; US2010176156A1; US8789726B2; US8991653B2; WO2010019035A1

Designated contracting state (EPC)
BE DE IT

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