

Title (en)

Multiple beverage dispensing system preventing miscoupling

Title (de)

Abgabesystem für mehrere Getränke, das eine falsche Kupplung vorbeugt

Title (fr)

Système de distribution de boissons multiples, qui prévient en cas d'erreur de connexion

Publication

EP 3018091 A1 20160511 (EN)

Application

EP 14192419 A 20141110

Priority

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Abstract (en)

Dispensing system 1 comprising two units for dispensing each a different carbonised beverage. The first unit comprises a container 2 containing a first beverage 3 and comprises an extractor tube 4 with a first flange 5 arranged outside the container, the extractor tube having a first flange diameter D1f and a first flange thickness T1f. The first unit also comprises a first dispense head 8 adapted to be coupled with the first flange, the first dispense head comprising a first abutment face 9 with a first face diameter D1a, adapted to abut the first flange when coupled therewith. The first dispense head further comprises a first circumferential part 10 projecting away from a periphery of the first abutment face, and at least partly extending around the first abutment face so as to provide a mechanical lock of the first dispense head to the first flange when coupled, the first face diameter D1a being substantially equal to the first flange diameter D1f. The second unit is similar to the first unit, but the second face diameter D2a of the second dispense head 19 is smaller than the first flange diameter D1a of the first flange of the first beverage container, so that unintended coupling of the second dispense head to the first beverage container is prevented. The present invention also relates to a dispense head and an extractor tube for said dispensing system.

IPC 8 full level

B67D 7/34 (2010.01); **B67D 1/08** (2006.01)

CPC (source: EP)

B67D 1/0845 (2013.01); **B67D 1/0832** (2013.01); **B67D 1/0839** (2013.01)

Citation (applicant)

WO 2013000932 A1 20130103 - MICRO MATIC AS [DK], et al

Citation (search report)

- [Y] WO 9958443 A1 19991118 - COCA COLA CO [US]
- [YD] WO 2013000932 A1 20130103 - MICRO MATIC AS [DK], et al
- [Y] WO 9402407 A1 19940203 - MICRO MATIC AS [DK], et al
- [A] WO 03078297 A2 20030925 - HEINEKEN TECH SERVICES [NL], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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