

Title (en)
Beverage dispensing apparatus

Title (de)
Getränkspender

Title (fr)
Distributeur de boisson

Publication
EP 1243548 B2 20130731 (EN)

Application
EP 01205036 A 19980821

Priority
• EP 98937716 A 19980821
• NL 1006948 A 19970904

Abstract (en)
[origin: WO9911561A1] The invention relates to a beverage dispensing apparatus comprising a housing (1) having a chamber (3) in which a beverage container (5) can be placed, which container has at least one deformable wall (16) and has an outlet (8) to which a beverage delivery line (7, 34) to a tapping device (6) can be connected, locking and sealing means (10, 12, 13) for closing a pressure space (17) in an airtight manner, which pressure space is situated between an outer wall (16) of the beverage container (5) and an inner wall (15) of the chamber (3), and pressurizing means (16) for pressurizing the pressure space (17) to force beverage out of the container via the outlet. To improve the sealing and locking and to make the apparatus convenient to operate for the user the locking and sealing means (10, 12, 13) arranged between the outer wall (16) of the beverage container and a wall of the chamber. As a result of this, the pressure chamber is disposed between the inner wall (16) of the chamber and the outer wall (15) of the container, the outlet (8) of the container (5) being situated outside the pressure space (17).

IPC 8 full level
B67D 1/04 (2006.01); **B67B 7/86** (2006.01); **B67D 1/08** (2006.01); **B67D 1/14** (2006.01); **B67D 1/00** (2006.01)

CPC (source: EP)
B67B 7/28 (2013.01); **B67D 1/0412** (2013.01); **B67D 1/0462** (2013.01); **B67D 1/0835** (2013.01); **B67D 1/0869** (2013.01); **B67D 1/0878** (2013.01); **B67D 1/1405** (2013.01); **B67D 2001/0089** (2013.01)

Citation (opposition)
Opponent :
• US 3895198 A 19750715 - PIBER EARL T
• GB 2146705 A 19850424 - GUINNESS SON AND COMPANY ARTHUR
• EP 0250640 A1 19880107 - DENIS JEAN PIERRE
• US 5553740 A 19960910 - KING KENYON M [US], et al
• US 5505336 A 19960409 - MONTGOMERY MICHAEL W [US], et al

Cited by
BE1029639B1; AU2003283632B2; AU2003283632C1; US7806299B2; WO2004050535A3; WO2023006965A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9911561 A1 19990311; CN 1168653 C 20040929; CN 1239464 A 19991222; DE 69820846 D1 20040205; DE 69820846 T2 20040617; DE 69832211 D1 20051208; DE 69832211 T2 20060727; DE 69832211 T3 20130814; DE 69840304 D1 20090115; DE 69841632 D1 20100602; EP 0935585 A1 19990818; EP 0935585 B1 20040102; EP 1213258 A2 20020612; EP 1213258 A3 20020626; EP 1213258 B1 20051102; EP 1213258 B2 20130102; EP 1243548 A2 20020925; EP 1243548 A3 20021009; EP 1243548 B1 20081203; EP 1243548 B2 20130731; EP 1621514 A2 20060201; EP 1621514 A3 20060405; EP 1621514 B1 20100421; ES 2209176 T3 20040616; ES 2247000 T3 20060301; ES 2247000 T5 20130416; ES 2317870 T3 20090501; ES 2317870 T5 20131119; ES 2344459 T3 20100827; HK 1028011 A1 20010202; HK 1047423 A1 20030221; HK 1047423 B 20060203; HK 1049323 A1 20030509; HK 1049323 B 20090403; JP 2001504786 A 20010410; JP 3574144 B2 20041006; RU 2237009 C2 20040927

DOCDB simple family (application)
IB 9801305 W 19980821; CN 98801308 A 19980821; DE 69820846 T 19980821; DE 69832211 T 19980821; DE 69840304 T 19980821; DE 69841632 T 19980821; EP 01205036 A 19980821; EP 01205037 A 19980821; EP 05106022 A 19980821; EP 98937716 A 19980821; ES 01205036 T 19980821; ES 01205037 T 19980821; ES 05106022 T 19980821; ES 98937716 T 19980821; HK 00103789 A 20000622; HK 02108992 A 20021212; HK 03101455 A 20030227; JP 51650199 A 19980821; RU 99112192 A 19980821