

Title (en)

Liquid delivery device, particularly beverage delivery device

Title (de)

Vorrichtung zur Flüssigkeitsabgabe, insbesondere Getränkeabgabe

Title (fr)

Dispositif de distribution de liquide, en particulier dispositif de distribution de boisson

Publication

EP 1803657 A1 20070704 (EN)

Application

EP 05425937 A 20051229

Priority

EP 05425937 A 20051229

Abstract (en)

It is disclosed a beverage delivery device in which an outer container of rigid material is designed to receive a further container (8) of flexible material inside it, which inner container (8) is adapted to be filled with the liquid to be delivered. Delivery means (10) for the inner container (8) allow selective drawing off or discharge of the beverage; the inner container (8) is made of flexible material and has a maximum filling volume bigger than the volume of the outer container (2) and is also made up of at least three distinct portions (80, 81, 82) suitably secured to each other to enable holding of the beverage, at least one of said portions being designed to abut against the bottom (3) of the outer container (2) during the step of filling the device.

IPC 8 full level

B65D 77/06 (2006.01); **B65D 23/02** (2006.01)

CPC (source: EP)

B65D 23/02 (2013.01); **B65D 77/06** (2013.01); **B67D 1/0462** (2013.01); **B67D 1/0832** (2013.01); **B67D 2001/0828** (2013.01)

Citation (applicant)

WO 2004022440 A1 20040318 - SMQ GROUP B V [NL], et al

Citation (search report)

- [XY] WO 2004022440 A1 20040318 - SMQ GROUP B V [NL], et al
- [Y] WO 9110604 A1 19910725 - COCA COLA CO [US]
- [A] US 3363807 A 19680116 - POWELL HOWARD P

Cited by

FR2996830A1; IT201800010831A1; ITTO20100572A1; IT201800010165A1; NL2009236C2; AU2013293628B2; CN103261042A; JP2014505637A; EP2648990A4; US9067718B2; WO2015015441A1; US9637300B2; US10087062B2; WO2015162048A1; WO2014060694A1; WO2022085549A1; WO2014017910A3; TWI601675B; US10071900B2; US10640356B2; US9815676B2; US10640355B2; US11040865B2; JP2015504028A

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1803657 A1 20070704; **EP 1803657 B1 20100210**; AT E457277 T1 20100215; DE 602005019314 D1 20100325

DOCDB simple family (application)

EP 05425937 A 20051229; AT 05425937 T 20051229; DE 602005019314 T 20051229