

Title (en)

DRINKS CONTAINER PRODUCED FROM A THERMOPLASTIC MATERIAL, IN PARTICULAR PET

Title (de)

GETRÄNKEBEHÄLTER HERGESTELLT AUS EINEM THERMOPLASTISCHEN KUNSTSTOFF INSBESONDERE PET

Title (fr)

RÉCIPIENT POUR BOISSON FABRIQUÉ D'UNE MATIÈRE THERMOPLASTIQUE EN PARTICULIER LE PET

Publication

EP 2352694 A2 20110810 (DE)

Application

EP 09740854 A 20091020

Priority

- EP 2009007484 W 20091020
- DE 102008056990 A 20081112

Abstract (en)

[origin: WO2010054734A2] The invention relates to a drinks container (2), produced from a thermoplastic material, in particular PET, comprising a tapping valve unit (9) and a CO2 pressurized gas dispenser arranged in the interior of the container for discharging the liquid of the drink and having assigned to it a pressure regulating unit (8), which releases the pressurized gas from the CO2 pressurized gas dispenser into the liquid of the drink as soon as the pressure in the drinks container (2) drops when liquid is removed. The intention is to provide a drinks container that allows a simpler construction and improved handling. For this purpose, the CO2 pressurized gas dispenser is a container (3) that likewise consists of thermoplastic PET material and is filled from the outset with CO2 pressurized gas.

IPC 8 full level

B67D 1/04 (2006.01); **B65D 83/14** (2006.01); **B67D 1/08** (2006.01)

CPC (source: EP US)

B65D 81/3216 (2013.01 - EP US); **B65D 83/666** (2013.01 - EP US); **B67D 1/0418** (2013.01 - EP US); **B67D 1/0456** (2013.01 - EP US); **B67D 1/0804** (2013.01 - EP US); **B05B 9/0833** (2013.01 - EP US)

Citation (search report)

See references of WO 2010054734A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102008056990 A1 20100520; DK 2352694 T3 20130107; EP 2352694 A2 20110810; EP 2352694 B1 20120912; PT 2352694 E 20121029; RU 2011123893 A 20121220; RU 2507147 C2 20140220; UA 101074 C2 20130225; US 2011284593 A1 20111124; WO 2010054734 A2 20100520; WO 2010054734 A3 20100708

DOCDB simple family (application)

DE 102008056990 A 20081112; DK 09740854 T 20091020; EP 09740854 A 20091020; EP 2009007484 W 20091020; PT 09740854 T 20091020; RU 2011123893 A 20091020; UA A201107239 A 20091020; US 200913120684 A 20091020