

Title (en)
Container with pressurized CO₂-gas source

Title (de)
Behälter mit CO₂-Druckgasquelle

Title (fr)
Récipient avec une source de CO₂ sous pression

Publication
EP 1642862 B1 20080213 (DE)

Application
EP 05020984 A 20050927

Priority
• DE 102004047252 A 20040929
• EP 05011896 A 20050602
• EP 05020984 A 20050927

Abstract (en)
[origin: EP1642862A1] Container comprises an insert which is fixed with a seal in an opening of the container and a carbon dioxide high pressure cartridge (14) having a pressure regulating valve for releasing carbon dioxide and an adjusting part which can be accessed from the outside. Preferred Features: A needle (34) for clipping the high pressure cartridge is combined with a valve part of the pressure regulating valve and can be adjusted between a sealing position and an outlet position on a valve seat (38) of the pressure regulating valve. The pressure regulating valve has a lateral outlet opening (56) in front of which lies an annular elastic collar (58) or O-ring.

IPC 8 full level
B67D 1/04 (2006.01); **B67D 99/00** (2010.01)

CPC (source: EP US)
B67D 1/0418 (2013.01 - EP US); **B67D 1/1252** (2013.01 - EP); **F17C 2205/032** (2013.01 - EP US); **F17C 2270/0736** (2013.01 - EP US)

Cited by
EP1688814A1; AU2006210257B2; DE102007029450A1; US8684240B2

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

DOCDB simple family (publication)
WO 2006128654 A1 20061207; AT E385996 T1 20080315; CA 2628631 A1 20061207; CA 2628631 C 20140812; CN 101277896 A 20081001; CN 101277896 B 20130123; DE 502005002810 D1 20080327; DK 1642862 T3 20080609; EP 1642862 A1 20060405; EP 1642862 B1 20080213; ES 2302547 T3 20080716; JP 2008545932 A 20081218; PL 1642862 T3 20080829; US 2009090741 A1 20090409; US 8251257 B2 20120828

DOCDB simple family (application)
EP 2006005090 W 20060527; AT 05020984 T 20050927; CA 2628631 A 20060527; CN 200680019486 A 20060527; DE 502005002810 T 20050927; DK 05020984 T 20050927; EP 05020984 A 20050927; ES 05020984 T 20050927; JP 2008513995 A 20060527; PL 05020984 T 20050927; US 92153906 A 20060527