

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 A1 20060405 (DE)

Application
EP 05020984 A 20050927

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

Abstract (en)
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)

Citation (search report)
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• [A] US 4456155 A 19840626 - MIYATA HIROYASU [JP], et al
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Designated contracting state (EPC)
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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

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