

Title (en)
Disposal of carbon dioxide without bubble

Title (de)
Bereitstellen blasenfreien Kohlendioxids

Title (fr)
Fourniture de dioxyde de carbone sans bulles

Publication
EP 1748249 A3 20100901 (DE)

Application
EP 06013862 A 20060704

Priority
DE 102005035432 A 20050728

Abstract (en)
[origin: EP1748249A2] Production of bubble-free liquid carbon dioxide (CO₂) for a consumer involves extracting gaseous CO₂ from a supply line (6), liquefying the CO₂ in a condenser (8) and supplying the CO₂ to the consumer. An independent claim is included for the corresponding apparatus comprising the gaseous CO₂ supply line (6) and the condenser (8) for liquefying the CO₂ shortly before consumption.

IPC 8 full level
F17C 7/00 (2006.01); **F17C 6/00** (2006.01); **F17C 9/02** (2006.01)

CPC (source: EP US)
F17C 6/00 (2013.01 - EP US); **F17C 9/02** (2013.01 - EP US); **F17C 2221/013** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2225/013** (2013.01 - EP US); **F17C 2225/0153** (2013.01 - EP US); **F17C 2225/033** (2013.01 - EP US); **F17C 2225/046** (2013.01 - EP US); **F17C 2227/0353** (2013.01 - EP US); **F17C 2227/0388** (2013.01 - EP US); **F17C 2260/031** (2013.01 - EP US); **F17C 2260/056** (2013.01 - EP US); **F17C 2270/05** (2013.01 - EP US)

Citation (search report)
• [X] DE 2929709 A1 19810212 - MESSER GRIESHEIM GMBH
• [XI] EP 1555475 A2 20050720 - AIR PROD & CHEM [US]

Cited by
CN109641309A

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 RS

DOCDB simple family (publication)
EP 1748249 A2 20070131; **EP 1748249 A3 20100901**; DE 102005035432 A1 20070201; US 2007028648 A1 20070208

DOCDB simple family (application)
EP 06013862 A 20060704; DE 102005035432 A 20050728; US 49396306 A 20060727