

Title (en)
Sealing for a carbonator

Title (de)
Dichtung für einen Carbonisator

Title (fr)
Joint pour un carbonateur

Publication
EP 1331428 B1 20050907 (DE)

Application
EP 02001542 A 20020123

Priority
EP 02001542 A 20020123

Abstract (en)
[origin: EP1331428A1] The dispenser for feeding carbon dioxide into drinks comprises a CO2 cylinder (12) fitted with a valve (16). An adapter (13) screws on to this to feed CO2 into the drink. A sealing ring (33) is fitted in the socket (34) of the adapter. The lower surface (50) of the ring forms a seal with the surface (20) around the valve before this is opened by screwing down the adapter and takes up the movement required for opening the valve.

IPC 1-7
F16L 29/02; B67D 1/00; B67D 1/04

IPC 8 full level
B67D 1/00 (2006.01); **B67D 1/04** (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP US)
B67D 1/008 (2013.01 - EP US); **B67D 1/0412** (2013.01 - EP US); **F17C 13/04** (2013.01 - EP US); **F17C 2205/0323** (2013.01 - EP US); **F17C 2205/037** (2013.01 - EP US); **F17C 2205/0382** (2013.01 - EP US); **F17C 2221/013** (2013.01 - EP US); **F17C 2270/07** (2013.01 - EP US)

Cited by
WO2023285614A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1331428 A1 20030730; **EP 1331428 B1 20050907**; AT E304144 T1 20050915; CA 2417390 A1 20030723; DE 50204171 D1 20051013; ES 2247206 T3 20060301; US 2003140984 A1 20030731; US 6789698 B2 20040914

DOCDB simple family (application)
EP 02001542 A 20020123; AT 02001542 T 20020123; CA 2417390 A 20030122; DE 50204171 T 20020123; ES 02001542 T 20020123; US 34079303 A 20030113