

Title (en)

PROCESS AND APPARATUS FOR SUPPLYING HIGH-PRESSURE CARBON DIOXIDE

Publication

**EP 0235017 B1 19900829 (FR)**

Application

**EP 87400263 A 19870205**

Priority

FR 8601673 A 19860207

Abstract (en)

[origin: WO8704770A1] Liquid CO<sub>2</sub>, stored at -20 DEG C, 20 bar, is transferred by simple gravity into an intermediate container (3) for feeling it completely. It is then heated up to the room temperature, balanced with gaseous CO<sub>2</sub> at the corresponding balance pressure, under-cooled by a pump (5) and conveyed to the suction of the high pressure pump (6). Application for supplying liquid CO<sub>2</sub> under a pressure from about 80 to 130 bar.

IPC 1-7

**C01B 31/20; F17C 7/02**

IPC 8 full level

**F17C 7/02** (2006.01)

CPC (source: EP US)

**F17C 7/02** (2013.01 - EP US); **F17C 2201/0109** (2013.01 - EP US); **F17C 2221/013** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2223/035** (2013.01 - EP US); **F17C 2223/036** (2013.01 - EP US); **F17C 2227/0135** (2013.01 - EP US); **F17C 2250/01** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

BE CH DE ES FR GR IT LI NL SE

DOCDB simple family (publication)

**WO 8704770 A1 19870813**; AU 593478 B2 19900208; AU 6937987 A 19870825; CA 1304283 C 19920630; DE 3764489 D1 19901004; EP 0235017 A1 19870902; EP 0235017 B1 19900829; ES 2017503 B3 19910216; FR 2594209 A1 19870814; FR 2594209 B1 19880513; GR 3001081 T3 19920417; JP H01500047 A 19890112; NZ 219173 A 19880630; US 4751822 A 19880621; ZA 87847 B 19880127

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**FR 8700032 W 19870205**; AU 6937987 A 19870205; CA 529188 A 19870206; DE 3764489 T 19870205; EP 87400263 A 19870205; ES 87400263 T 19870205; FR 8601673 A 19860207; GR 900400350 T 19901116; JP 50101587 A 19870205; NZ 21917387 A 19870204; US 1265587 A 19870209; ZA 87847 A 19870205