

Title (en)

TRANSPORTING AND WITHDRAWING APPARATUS

Publication

EP 0031438 A3 19810722 (DE)

Application

EP 80107118 A 19801117

Priority

DE 2951667 A 19791221

Abstract (en)

[origin: US4335822A] A device for transporting and emptying very pure liquid chemicals capable of reacting with constituents of the atmosphere. The device includes container which has an upper part connected to a lower part by a flange having a gasket interposed between the container and the flange. The upper part of the container has filling and emptying tubes extending into the container, and the emptying tubes has rupture valves located therein for preventing contact between the very pure liquid chemicals in the container and constituents of the atmosphere which may be present in the top portion of the emptying tubes prior to emptying of the device.

IPC 1-7

B01L 3/00; **B01L 3/02**; **B65D 85/84**

IPC 8 full level

B67D 7/72 (2010.01); **B01L 3/00** (2006.01); **B65D 85/84** (2006.01)

CPC (source: EP US)

B01L 3/508 (2013.01 - EP US); **B65D 85/84** (2013.01 - EP US)

Citation (search report)

DE 2723050 A1 19771201 - CORNING GLASS WORKS

Cited by

EP0341533A1; FR2564590A1; WO9100520A1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0031438 A2 19810708; **EP 0031438 A3 19810722**; CA 1149295 A 19830705; DE 2951667 A1 19810702; DK 541680 A 19810622; JP S5695896 A 19810803; US 4335822 A 19820622

DOCDB simple family (application)

EP 80107118 A 19801117; CA 367059 A 19801218; DE 2951667 A 19791221; DK 541680 A 19801218; JP 17911880 A 19801219; US 21159280 A 19801201