

Title (en)

VALVE AND TAPPING DEVICE FOR CLOSED CHEMICAL CONTAINER SYSTEMS

Publication

EP 0222701 A3 19880608 (EN)

Application

EP 86810487 A 19861029

Priority

US 79452785 A 19851104

Abstract (en)

[origin: EP0222701A2] A two-way valve unit for a container fed with liquid chemicals dangerous to health serves, in conjunction with an extractor device equipped with a probe (50, 122), for emptying the content of the container and for cleaning the latter, without the user coming in contact with the chemicals. The valve unit (10, 70) has a valve body (16, 106) displaceable between an upper closing position and a lower open position, for an outlet path out of the container (44) and an inlet path into this, which are both controlled simultaneously by the valve body. The probe (50, 122) contains a first passage channel for the container content and is surrounded by an annular channel, through which air or another fluid can be introduced into the container separately from the first channel of the probe. The valve unit, when in the closed state, seals off the container interior from the outside, even when the extractor device is attached and removed again. <IMAGE>

IPC 1-7

B67D 5/02; B08B 9/12; B67C 9/00; B65D 47/28

IPC 8 full level

B01L 3/00 (2006.01); **B67D 7/02** (2010.01)

CPC (source: EP)

B67D 7/0277 (2013.01)

Citation (search report)

- [X] GB 1214953 A 19701209 - GASKELL & CHAMBERS LTD
- [Y] GB 951553 A 19640304 - E R HOLLOWAY LTD
- [A] FR 2552401 A1 19850329 - GALLAY SA [FR]
- [A] DE 2104635 A1 19720817

Cited by

US11014801B2; US11214479B2; US11795047B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0222701 A2 19870520; **EP 0222701 A3 19880608**; AU 6466986 A 19870507; BR 8605407 A 19870811; JP S62144754 A 19870627; ZA 868351 B 19870624

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