

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 5/02** (2006.01); **B67D 7/02** (2010.01)

CPC (source: EP)  
**B67D 7/0277** (2013.01)

Citation (search report)

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- [A] DE 2104635 A1 19720817

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Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

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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**EP 86810487 A 19861029**; AU 6466986 A 19861103; BR 8605407 A 19861103; JP 26086786 A 19861104; ZA 868351 A 19861103