

Title (en)
VALVE FOR PRESSURIZED CONTAINER

Publication
EP 0041521 B1 19830413 (DE)

Application
EP 80902388 A 19801205

Priority
• DE 2949666 A 19791211
• DE 7934759 U 19791211

Abstract (en)
[origin: US4477001A] PCT No. PCT/DE80/00181 Sec. 371 Date Aug. 11, 1981 Sec. 102(e) Date Aug. 11, 1981 PCT Filed Dec. 5, 1980 PCT Pub. No. WO81/01696 PCT Pub. Date Jun. 25, 1981. A valve for pressurized containers with a closing member which is movable toward a valve seat and engages thereon in a rest position or closing position is proposed. The valve includes a bushing which is fixedly inserted into the container and partly surrounds a sliding sleeve which at its upper end is provided with the valve seat and includes at its lower inner end a plurality of recesses. Connected to the bushing are a plurality of arms wherein each of the arms is guided through a respective one of the recesses. A rod which is disposed centrically and slidable within the bushing and the sliding sleeve and which on its upper end is provided with the closure member is in connection at its lower end with each of the arms so that upon downward movement of the sliding sleeve the arms are moved radially outwardly and the valve is opened. Since the bushing has a certain elasticity and an elastic return force, the valve is closed when no pressure is exerted on the sliding sleeve so that the bushing is moving the arms in its original position and closes the valve again.

IPC 1-7
B65D 83/14

IPC 8 full level
B65D 83/14 (2006.01); **B65D 83/16** (2006.01); **B65D 83/36** (2006.01); **F16K 31/44** (2006.01)

CPC (source: EP US)
B65D 83/207 (2013.01 - EP US); **B65D 83/48** (2013.01 - EP US)

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
US 4477001 A 19841016; DE 2949666 A1 19810619; DE 7934759 U1 19800417; EP 0041521 A1 19811216; EP 0041521 B1 19830413; GB 2076900 A 19811209; GB 2076900 B 19830615; IT 1136218 B 19860827; IT 8012751 A0 19801210; JP S56501721 A 19811126; WO 8101696 A1 19810625

DOCDB simple family (application)
US 29320781 A 19810811; DE 2949666 A 19791211; DE 7934759 U 19791211; DE 8000181 W 19801205; EP 80902388 A 19801205; GB 8124699 A 19801205; IT 1275180 A 19801210; JP 50016280 A 19801205