

Title (en)  
SHUT-OFF VALVE

Title (de)  
ABSPERRVENTIL

Title (fr)  
SOUPAPE D'ARRÊT

Publication  
**EP 4334610 A1 20240313 (DE)**

Application  
**EP 22720656 A 20220404**

Priority  
• DE 202021102386 U 20210504  
• EP 2022058905 W 20220404

Abstract (en)  
[origin: WO2022233517A1] The invention relates to a shut-off valve (1), in particular a cryogenic shut-off valve, with a valve bottom part (4) which has a valve housing accommodating a closure mechanism (49) for shutting off a passage for medium through a channel portion (46), said closure mechanism (49) comprising a valve cone unit (48) and a valve seat (45), and with an extension tube (10) which is mounted on the top of the valve housing and surrounds a spindle (7) and at the upper end portion of which there are mounted operating elements interacting with an adjustment mechanism and comprising a position indicator (22). The position indicator (22) is designed as a sleeve which concentrically surrounds the extension tube (10) and which, at its lower end region, is secured, by a holder (23) which encloses it, so as to be axially immovable relative to the extension tube (10).

IPC 8 full level  
**F16K 1/48** (2006.01); **F16K 1/02** (2006.01); **F16K 37/00** (2006.01)

CPC (source: EP)  
**F16K 1/02** (2013.01); **F16K 1/485** (2013.01); **F16K 37/0008** (2013.01); **F16K 37/0041** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 202021102386 U1 20210507**; EP 4334610 A1 20240313; WO 2022233517 A1 20221110

DOCDB simple family (application)  
**DE 202021102386 U 20210504**; EP 2022058905 W 20220404; EP 22720656 A 20220404