

Title (en)  
CLOSURE FOR PRESSURIZED DUCTS

Title (de)  
VERSCHLUSS FÜR DRUCKLEITUNGEN

Title (fr)  
FERMETURE POUR CONDUITS SOUS PRESSION

Publication  
**EP 4367419 A1 20240515 (EN)**

Application  
**EP 22747751 A 20220704**

Priority  
• IT 202100017645 A 20210705  
• IB 2022056182 W 20220704

Abstract (en)  
[origin: WO2023281385A1] The invention relates to a closure for ducts or receptacles for pressurized fluids, comprising a fixed part (10), to be applied at an end of a tubular element (100), said fixed part comprising an opening (12) communicating with the duct or receptacle, a moving part (30), rotatably connected to said fixed part, movable between a closed position and an open position and a sealing element (40) to be placed in the opening of the fixed part; wherein said moving part, in the closed position, blocks said sealing element in the opening, wherein said fixed part, at the opening, comprises a sealing surface (14) produced on the inner surface of a cylindrical surface that extends from the opening toward the tubular element, and wherein said sealing element comprises a body in the shape of disc or cylinder adapted to coact with said sealing surface to guarantee the hermetic seal of the closure.

IPC 8 full level  
**F16J 13/22** (2006.01); **B01J 3/03** (2006.01); **F16J 13/16** (2006.01); **F16J 13/24** (2006.01)

CPC (source: EP)  
**B01J 3/002** (2013.01); **F16J 13/16** (2013.01); **F16J 13/22** (2013.01); **F16J 13/24** (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)  
**WO 2023281385 A1 20230112**; EP 4367419 A1 20240515; IT 202100017645 A1 20230105

DOCDB simple family (application)  
**IB 2022056182 W 20220704**; EP 22747751 A 20220704; IT 202100017645 A 20210705