

Title (en)

GAS SWITCHER WITH MANOMETER AND COLLECTOR WITH GAS SWITCHER WITH MANOMETER

Title (de)

GASSCHALTER MIT MANOMETER UND KOLLEKTOR MIT GASSCHALTER MIT MANOMETER

Title (fr)

COMMUTATEUR À GAZ AVEC MANOMÈTRE ET COLLECTEUR AVEC COMMUTATEUR À GAZ AVEC MANOMÈTRE

Publication

EP 4350204 A1 20240410 (EN)

Application

EP 23200863 A 20230929

Priority

TR 202215152 A 20221004

Abstract (en)

The invention relates to the gas switcher with manometer that is especially designed to be used in land ambulances, air (airplane, helicopter) ambulances, sea ambulances, etc. vehicles, small health centres, mobile health centres and patients being cared for at home, is practical to assemble and use, takes up less space by saving material compared to known systems, prevents forced pressure leaks by making manometer, which is mounted (positioned) directly on the switcher so that the knob (16) that controls the switcher and the manometer (18) are on the same axis, more protected, characterised by comprising switcher body (1), opening-closing ball o-ring (s) (2), centring pin (3), positioning pin (4) fixed disk (5), opening-closing ball(s) (6), shaft with cam (7), friction gasket (8), internal sealing o-ring (9), external sealing o-ring (10), cam shaft bearing and manometer carrier (11), fixing part (ball) (12), spring support ring (13), screwed clamping ring (14), rotating group (15), knob (16), lock nut (manometer position fixing nut) (17), and manometer (18). The system that is the subject of the invention is characterised by comprising collector main body with switcher (1) instead of the switcher body (1) if the system of the invention is integrated with the collector.

IPC 8 full level

F17C 13/04 (2006.01)

CPC (source: EP)

F17C 13/045 (2013.01); **F17C 2205/0329** (2013.01); **F17C 2205/0382** (2013.01); **F17C 2221/011** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/036** (2013.01); **F17C 2227/042** (2013.01); **F17C 2250/043** (2013.01); **F17C 2270/0171** (2013.01); **F17C 2270/0189** (2013.01); **F17C 2270/025** (2013.01)

Citation (applicant)

- TR 201701986 U5 20180827 - SUEKRUE CERMEN [TR]
- TR 201813963 A1
- TR 201702974 U5 20180921 - SUEKRUE CERMEN [TR]

Citation (search report)

- [A] US 2013074937 A1 20130328 - WING ALBERT [US]
- [A] TR 201701986 U5 20180827 - SUEKRUE CERMEN [TR]
- [A] DE 812139 C 19510827 - MAJERT RUDOLF GMBH
- [A] US 5014733 A 19910514 - WILSON EARL L [US]
- [A] FR 2318381 A1 19770211 - OXHYDRIQUE FSE EXPLOIT [FR]
- [A] US 2003150495 A1 20030814 - HARA TETSUHIKO [JP]
- [A] FR 1232452 A 19601010 - GERARD BECUWE SA DES ETS

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4350204 A1 20240410

DOCDB simple family (application)

EP 23200863 A 20230929