

Title (en)
Multifunction valve group

Title (de)
Multifunktionsventileinheit

Title (fr)
Groupe de vanne multifunction

Publication
EP 2306097 A3 20180411 (EN)

Application
EP 10180373 A 20100927

Priority
IT BO20090616 A 20090925

Abstract (en)
[origin: EP2306097A2] A multi-function valve assembly (100) that provides at least one filter (240) suitable for being inspected and/or replaced in a direction (J1) transversal to an axis (X) of a duct (202). In addition, the inspection and/or replacement of the filter (240) on the same valve assembly (100) can be carried out according to both a first front view (VIEW A) and a second front view (VIEW B).

IPC 8 full level
F24D 3/10 (2006.01); **F24D 19/10** (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP US)
F24D 3/10 (2013.01 - EP); **F24D 19/1009** (2013.01 - EP US); **F24H 9/12** (2013.01 - EP)

Citation (search report)

- [XAYI] EP 1895245 A2 20080305 - WATTS IND ITALIA SRL [IT]
- [X] WO 9418509 A1 19940818 - HERZ ARMATUREN AG [AT]
- [A] DE 2104164 A1 19720810
- [A] EP 0341345 A1 19891115 - FIMCIM SPA [IT]
- [Y] EP 1847309 A1 20071024 - SANDEN CORP [JP]

Cited by
US10428961B2; WO2017221048A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2306097 A2 20110406; EP 2306097 A3 20180411; EP 2306097 B1 20190911; DK 2306097 T3 20191021; IT BO20090616 A1 20110325

DOCDB simple family (application)
EP 10180373 A 20100927; DK 10180373 T 20100927; IT BO20090616 A 20090925