

Title (en)
Coupling system of a gas valve in a manifold

Title (de)
Kupplungssystem für ein Gasventil an einem Rohr

Title (fr)
Système de raccord d' une soupape à gaz sur un tuyau

Publication
EP 1564496 A3 20090218 (EN)

Application
EP 05380023 A 20050209

Priority
ES 200400323 U 20040216

Abstract (en)
[origin: EP1564496A2] "Coupling system of a gas valve (1) in a manifold (2) (e.g. gas tube), with said manifold (2) having a substantially circular cross-section and the valve (1) comprising a valve body (3) that comprises a base that is supported on the manifold (2) and a projecting piece (4) with a circular cross-section, acting as a neck, that is introduced into a first circular hole (5) formed in said manifold (2), giving rise to the access of gas from the manifold (2) to the valve (1) through a main conduit (8) formed in the projecting piece (4). The manifold (2) comprises a second hole (10) facing the first hole (5), and the main conduit (8) comprises a threaded section (11) on one end, so that the valve (1) is attached to the manifold (2) by a screw (6) that is introduced into said second hole (10) and is screwed into said threaded section (11)."

IPC 8 full level
F24C 3/12 (2006.01)

CPC (source: EP)
F24C 3/12 (2013.01)

Citation (search report)

- [Y] FR 1564870 A 19690425
- [Y] US 2003136395 A1 20030724 - DISTASO ALESSANDRO [IT]
- [A] US 5979430 A 19991109 - PEED SHERMAN [US], et al
- [A] EP 0169944 A1 19860205 - GIACOMINI RUBINETTERIE [IT]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1564496 A2 20050817; EP 1564496 A3 20090218; ES 1056756 U 20040501; ES 1056756 Y 20040816

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EP 05380023 A 20050209; ES 200400323 U 20040216