

Title (en)
MANIFOLD BLOCK

Publication
EP 0366909 B1 19920826 (DE)

Application
EP 89116841 A 19890912

Priority
DE 8813778 U 19881104

Abstract (en)
[origin: EP0366909A1] The invention relates to an integration block for pneumatic control circuits of, in particular, pressurised fluid actuated apparatuses having, with the interposition of at least one seal (9), plate bodies (2, 3) which can be fixed pressure-tightly to one another and which are provided with channels (5) aligned preferably essentially parallel to the longitudinal centre planes of the plate bodies, and perforations (6) running perpendicular to these channels, and/or inlet or outlet openings (4) for the connection of control elements, circuit elements and the like which can be fastened to a plate body (3), the seal being arranged in a moulded recess (7) on the side of the plate body, which moulded recess has a moulded recess rim (8) surrounding the seal (9) essentially positively. In order to be able to work in a manner which is operationally reliable and advantageous in terms of assembly and handling even at high operating pressures of, for example, 10 bar, at least some of the provided channels (5) and/or perforations (6) are at least partially covered by projections (7.1) from the bottom of the moulded recess. <IMAGE>

IPC 1-7
F15B 13/00; **F15C 5/00**

IPC 8 full level
F15B 13/00 (2006.01); **F15B 13/08** (2006.01); **F15C 5/00** (2006.01)

CPC (source: EP)
F15B 13/081 (2013.01); **F15B 13/0814** (2013.01); **F15B 13/0871** (2013.01)

Cited by
EP1040292A4; DE9420486U1; WO9913927A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0366909 A1 19900509; **EP 0366909 B1 19920826**; AT E79929 T1 19920915; DE 58902144 D1 19921001; DE 8813778 U1 19890223; ES 2035485 T3 19930416; GR 3005839 T3 19930607

DOCDB simple family (application)
EP 89116841 A 19890912; AT 89116841 T 19890912; DE 58902144 T 19890912; DE 8813778 U 19881104; ES 89116841 T 19890912; GR 920402173 T 19920930