

Title (en)
Safety valve

Title (de)
Sicherheitsventil

Title (fr)
Valve de sécurité

Publication
EP 0684392 B1 20000308 (DE)

Application
EP 95105548 A 19950412

Priority
DE 9406561 U 19940420

Abstract (en)
[origin: EP0684392A1] The common housing is assembled on a single base plate (34) and has shaped chambers to house the parallel valve elements (20). The base plate has an air inlet hole (22) , an air outlet hole (24) and a vent hole (26). The connection between the valve is a cross-connection. The valve only applies working pressure when both valve elements are correctly positioned. The air inlet is linked to pneumatic storage chambers (30) for each valve side via separate flow restrictions (28) to provide a buffer action. The connecting channels (44,46) are incorporated in the middle of the valve.

IPC 1-7
F15B 20/00

IPC 8 full level
F15B 13/00 (2006.01); **F15B 13/08** (2006.01); **F15B 20/00** (2006.01)

CPC (source: EP)
F15B 13/0814 (2013.01); **F15B 13/0871** (2013.01); **F15B 20/001** (2013.01)

Citation (examination)
SCHMITT, A.: "Der Hydraulik Trainer", 1980, VOGEL-VERLAG, WÜRZBURG, S. 173

Cited by
WO2009046184A1; WO2011032364A1; US8028717B2; DE112008002675B4

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