

Title (en)
Differential pressure switch

Title (de)
Differenzdruckschalter

Title (fr)
Interrupteur actionné par pression différentielle

Publication
EP 0884483 B1 20030813 (DE)

Application
EP 98107635 A 19980427

Priority
DE 29710128 U 19970610

Abstract (en)
[origin: EP0884483A1] The valve (G) has an electric switch (G) for monitoring the clamp pressure, with a housing bore (25) receiving a piston device displaced axially relative to a switch operating element (28). The piston device has a pair of different size surfaces (A2,A1) acted on by a reference pressure representing the actual pressure and a pre-control pressure determining the required clamp pressure, respectively. The piston is also acted on by a spring (23) in the direction of the reference pressure.

IPC 1-7
F15B 11/028; H01H 35/38

IPC 8 full level
F15B 11/028 (2006.01); **H01H 35/38** (2006.01)

CPC (source: EP)
F15B 11/028 (2013.01); **H01H 35/38** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/20592** (2013.01); **F15B 2211/212** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/3057** (2013.01); **F15B 2211/3111** (2013.01); **F15B 2211/327** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/411** (2013.01); **F15B 2211/41509** (2013.01); **F15B 2211/426** (2013.01); **F15B 2211/45** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/50554** (2013.01); **F15B 2211/5151** (2013.01); **F15B 2211/528** (2013.01); **F15B 2211/55** (2013.01); **F15B 2211/6051** (2013.01); **F15B 2211/615** (2013.01); **F15B 2211/625** (2013.01); **F15B 2211/6309** (2013.01); **F15B 2211/6313** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/7052** (2013.01); **F15B 2211/7053** (2013.01); **F15B 2211/76** (2013.01)

Cited by
US10217583B2

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

DOCDB simple family (publication)
EP 0884483 A1 19981216; **EP 0884483 B1 20030813**; AT E247233 T1 20030815; DE 29710128 U1 19970814; DE 59809258 D1 20030918

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