

Title (en)
PRESSURE VALVE

Title (de)
DRUCKVENTIL

Title (fr)
SOUPAPE DE PRESSION

Publication
EP 1066460 A2 20010110 (DE)

Application
EP 99942739 A 19990701

Priority
• DE 9901921 W 19990701
• DE 29811791 U 19980702

Abstract (en)
[origin: WO0001937A2] The invention relates to a pressure valve, comprising a valve body (5) which is introduced into a bore (3) of a valve housing (1). The valve body has a valve seat surface (13) at the end which is introduced into the valve housing (1), and a moveable valve member (15) can be brought to rest on the valve seat surface by means of a restoring force (19). A through channel (11) which passes through the valve body (5) also adjoins the valve seat surface. A lock-in connection (39) axially connects the valve body (5) in the valve housing (1). This is a simple means of axially securing the valve body in the valve housing and also ensures that the valve is easy to disassemble.

IPC 1-7
F02M 59/46

IPC 8 full level
F02M 59/46 (2006.01); **F16K 15/04** (2006.01); **F16K 27/02** (2006.01)

CPC (source: EP KR US)
F02M 59/462 (2013.01 - EP US); **F02M 61/10** (2013.01 - KR); **F16K 27/0209** (2013.01 - EP US); **Y10T 137/778** (2015.04 - EP US)

Citation (search report)
See references of WO 0001937A2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 29811791 U1 19991118; EP 1066460 A2 20010110; JP 2002519583 A 20020702; KR 20010023467 A 20010326; US 6497247 B1 20021224; WO 0001937 A2 20000113; WO 0001937 A3 20001116

DOCDB simple family (application)
DE 29811791 U 19980702; DE 9901921 W 19990701; EP 99942739 A 19990701; JP 2000558305 A 19990701; KR 20007002112 A 20000229; US 48675400 A 20000707