

Title (en)
VALVE, PARTICULARLY HANDWHEEL FOR A BALANCING VALVE

Title (de)
VENTIL, INSBESONDERE HANDRAD FÜR AUSGLEICHSVENTIL

Title (fr)
VALVE ET EN PARTICULIER VOLANT POUR VALVE D'EQUILIBRAGE

Publication
EP 1456569 A1 20040915 (EN)

Application
EP 02791125 A 20021120

Priority

- SE 0202102 W 20021120
- SE 0103924 A 20011122

Abstract (en)

[origin: WO03044402A1] The invention relates to a handwheel 2 for a balancing valve 1 with a valve housing 7 having a top piece 5 and spindle 3, guided in the top piece and having a valve body 6, which is moved in relation to a seat 8, located in the valve housing between an inlet 10 and an outlet 11, a bottom part 14 of the handwheel being stationary in relation to the valve housing and an upper part 16 of the handwheel being rotatable in order to move the valve body to indicate full revolutions and parts of a revolution, using a full revolution wheel 15, an optical scale 61 being used to indicate a full revolution and an optical scale 38 to indicate parts of a revolution. According to the invention the upper part of the handwheel having a dowel 17 is rotation-proof and longitudinally displaceably connected to the spindle and the full revolution wheel 15 is with its spindle disposed at rights angles to the dowel 17 in a holder on the upper part of the interior side.

[origin: WO03044402A1] The invention relates to a handwheel (2) for a balancing valve (1) with a valve housing (7) having a top piece (5) and spindle (3), guided in the top piece and having a valve body (6), which is moved in relation to a seat (8), located in the valve housing between an inlet (10) and an outlet (11), a bottom part (14) of the handwheel being stationary in relation to the valve housing and an upper part (16) of the handwheel being rotatable in order to move the valve body to indicate full revolutions and parts of a revolution, using a full revolution wheel (15), an optical scale (61) being used to indicate a full revolution and an optical scale (38) to indicate parts of a revolution. According to the invention the upper part of the handwheel having a dowel (17) is rotation-proof and longitudinally displaceably connected to the spindle and the full revolution wheel (15) is with its spindle disposed at rights angles to the dowel (17) in a holder on the upper part of the interior side.

IPC 1-7
F16K 1/02; **F16K 37/00**

IPC 8 full level
F16K 1/10 (2006.01); **F16K 31/60** (2006.01); **F16K 37/00** (2006.01)

CPC (source: EP)
F16K 1/10 (2013.01); **F16K 31/607** (2013.01); **F16K 37/0058** (2013.01)

Citation (search report)
See references of WO 03044402A1

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

DOCDB simple family (publication)
WO 03044402 A1 20030530; AU 2002366189 A1 20030610; EP 1456569 A1 20040915; SE 0103924 L 20030523; SE 522422 C2 20040210

DOCDB simple family (application)
SE 0202102 W 20021120; AU 2002366189 A 20021120; EP 02791125 A 20021120; SE 0103924 A 20011122