

Title (en)

SLIDING VALVE

Title (de)

SCHIEBERVENTIL

Title (fr)

SOUPAPE À TIROIR

Publication

EP 2198357 A2 20100623 (DE)

Application

EP 08804599 A 20080923

Priority

- EP 2008062682 W 20080923
- DE 102007047201 A 20071002
- DE 102008037981 A 20080816

Abstract (en)

[origin: WO2009047115A2] The invention relates to a sliding valve having a valve slider (1) that can be axially displaced relative to the valve sleeve (3) in order to determine the size of variable passage cross-sections and for establishing a pressurization connection between a high-pressure connection (P) and a working connection (A) and a pressure-reducing connection between the working connection (A) and a low-pressure connection (T), in that control edges running in the circumferential direction are configured on the outer circumference of the valve slider (1), which interact with the control edges (5, 6) of the valve sleeve (3). According to the invention, the control edges (5, 6) of the valve sleeve (3) are configured as edges extending in the circumferential direction relative to the symmetry axis (S), which are a component of a lateral face of the valve sleeve (3).

IPC 8 full level

G05D 16/10 (2006.01)

CPC (source: EP US)

F15B 13/0402 (2013.01 - EP US); **F16K 11/0716** (2013.01 - EP US); **G05D 16/101** (2018.12 - EP US); **Y10T 137/86702** (2015.04 - EP US); **Y10T 137/8671** (2015.04 - EP US)

Citation (search report)

See references of WO 2009047115A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102008037981 A1 20090409; **DE 102008037981 B4 20230126**; EP 2198357 A2 20100623; US 2010243941 A1 20100930; US 8251097 B2 20120828; WO 2009047115 A2 20090416; WO 2009047115 A3 20100729

DOCDB simple family (application)

DE 102008037981 A 20080816; EP 08804599 A 20080923; EP 2008062682 W 20080923; US 68121008 A 20080923