

Title (en)

FLOW-CONTROL VALVE FOR THROTTLING HYDRAULIC PRESSURE MEDIUM

Title (de)

STROMVENTIL ZUM DROSSELN HYDRAULISCHER DRUCKMITTEL

Title (fr)

SOUPAPE DE REGULATION DE DEBIT SERVANT A RESTREINDRE LE PASSAGE D'UNE SUBSTANCE DE PRESSION HYDRAULIQUE

Publication

EP 1931860 A1 20080618 (DE)

Application

EP 06793075 A 20060830

Priority

- EP 2006065798 W 20060830
- DE 102005046065 A 20050927

Abstract (en)

[origin: DE102005046065A1] The valve has a valve housing (6) with a cylindrical outer casing surface (5) supported at a pressurizing medium channel (3) of a machine housing (2). The machine housing includes a pressurizing medium sealing closure plug (12) formed through the valve at an orifice of the channel (3). A pressurizing medium port (9) runs radially through the casing surface and is connected with another pressurizing medium channel (4). An end section of the valve housing includes a closed housing base (11) and is inserted into the channel (3) by a hydraulically sealed longitudinal fit assembly.

IPC 8 full level

F01M 1/16 (2006.01)

CPC (source: EP KR)

F01M 1/06 (2013.01 - KR); **F01M 1/16** (2013.01 - EP KR); **F16K 5/0414** (2013.01 - EP); **F16K 47/06** (2013.01 - EP); **F16N 27/005** (2013.01 - EP)

Citation (search report)

See references of WO 2007036408A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 102005046065 A1 20070329; CN 101273187 A 20080924; CN 101273187 B 20100616; EP 1931860 A1 20080618; KR 20080052608 A 20080611; WO 2007036408 A1 20070405

DOCDB simple family (application)

DE 102005046065 A 20050927; CN 200680035873 A 20060830; EP 06793075 A 20060830; EP 2006065798 W 20060830; KR 20087007258 A 20080326