

Title (en)

Vibration damping proportional valve

Title (de)

Schwingungsgedämpftes Proportionalventil

Title (fr)

Soupape proportionnelle à vibrations amorties

Publication

EP 1788258 A3 20090923 (DE)

Application

EP 06024180 A 20061122

Priority

DE 102005055894 A 20051122

Abstract (en)

[origin: EP1788258A2] The valve has a valve housing (1) with a supply pipe (4) and a delivery pipe (5). An externally controlled proportional valve (2) between the supply pipe and the delivery pipe is arranged in the housing. The proportional valve is connected in series with a control gate valve (3) between the supply pipe and the delivery pipe. The control gate valve is formed from a serial connection that is integrated into the housing. The serial connection exhibits a constant orifice plate (3a) and an adjusting orifice plate (3b).

IPC 8 full level

F15B 21/04 (2006.01)

CPC (source: EP)

F15B 21/008 (2013.01)

Citation (search report)

- [X] WO 2005023624 A1 20050317 - THYSSENKRUPP PRESTA STEERTEC [DE], et al
- [X] DE 10254687 A1 20040609 - DAIMLER CHRYSLER AG [DE]
- [E] EP 1940672 A1 20080709 - THYSSENKRUPP PRESTA STEERTEC [DE]

Cited by

CN106224314A; US11002298B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1788258 A2 20070523; EP 1788258 A3 20090923; DE 102005055894 A1 20070531

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EP 06024180 A 20061122; DE 102005055894 A 20051122