

Title (en)

Proportional valve with fine tuning capability

Title (de)

Proportional-Wegeventil mit Feinsteuermitteln

Title (fr)

Valve proportionnelle dotée de moyens de commande précise

Publication

**EP 2128454 B1 20111221 (DE)**

Application

**EP 08009759 A 20080529**

Priority

EP 08009759 A 20080529

Abstract (en)

[origin: EP2128454A1] The valve (1) has fine control units (37) with a throttle channel (42) connected with a supply channel (23) or an outlet channel (24) and with a throttle channel opening (44). The control units have a fine control opening (43) whose opening cross section is larger than the throttle cross section of the throttle channel. The control opening runs into a control chamber (5) at a circumference side such that the opening cross section depends on a position of a valve slide (6) in an adjusting area of the slide and corresponds to the throttle cross section in a middle position of the slide.

IPC 8 full level

**F15B 13/04** (2006.01)

CPC (source: EP)

**F15B 13/0402** (2013.01)

Cited by

CN103234061A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 2128454 A1 20091202; EP 2128454 B1 20111221**

DOCDB simple family (application)

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