

Title (en)

CONTROL UNIT FOR CONTROLLING THE BUILD-UP OF PRESSURE IN A PUMP UNIT

Title (de)

STEUEREINHEIT ZUR STEUERUNG DES DRUCKAUFBAUS IN EINER PUMPENEINHEIT

Title (fr)

UNITE SERVANT A COMMANDER L'ETABLISSEMENT DE LA PRESSION DANS UNE UNITE DE POMPAGE

Publication

EP 1045975 B1 20040519 (DE)

Application

EP 99952396 A 19990817

Priority

- DE 9902544 W 19990817
- DE 19837332 A 19980818

Abstract (en)

[origin: DE19837332A1] The control unit has a control valve (1) and a valve actuation unit connected to the control valve. The control valve is formed as an I valve open inwardly in the flow direction. The I valve has a valve body (3) axially movably mounted in a housing (2) of the control unit. When the control valve is closed, the valve body sits on a valve seat (4) of the control valve. The unit also has a throttle arrangement (7) for regulating the flow through the control valve when the control valve is opened with a small stroke. Independent claims also cover a method of controlling the pressure.

IPC 1-7

F02M 59/36; **F02M 45/06**

IPC 8 full level

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CPC (source: EP KR US)

F02M 45/06 (2013.01 - EP US); **F02M 59/366** (2013.01 - EP US); **F02M 59/46** (2013.01 - KR); **F04B 49/225** (2013.01 - EP US); **F04B 53/1022** (2013.01 - EP US); **F04B 2205/172** (2013.01 - EP US)

Cited by

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