

Title (en)
REGULATING METHOD FOR A FLUID CYLINDER

Publication
EP 0177481 B1 19871202 (DE)

Application
EP 85890218 A 19850910

Priority
AT 294384 A 19840917

Abstract (en)
[origin: US4700610A] A fluid cylinder control method for monitoring the position or controlling the movements of a piston which is slidably guided in a cylinder tube and is acted upon on at least one side by a pressure medium, in particular, maintaining the piston in a predetermined position against the action of eventual disturbance forces. This is attained in that the force which is transmitted between the piston and the cylinder by way of the parts which are slidingly guided on each other, and in particular the friction force acting by way of the seal gaskets of the piston and/or of the rod, is measured and the loading of the piston by a pressure medium is varied in the sense of reducing the measured force.

IPC 1-7
F15B 9/03

IPC 8 full level
F15B 9/03 (2006.01)

CPC (source: EP US)
F15B 9/03 (2013.01 - EP US)

Cited by
EP0345804A3; GB2301461A; FR2706951A1; CN109879196A; DE10002699A1; DE10002699B4; WO9521332A1

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