

Title (en)

A hydraulic actuating unit, in particular for controlling a valve of an internal-combustion engine

Title (de)

Hydraulische Antriebsvorrichtung, insbesondere für Ventilsteuerung in einer Brennkraftmaschine

Title (fr)

Unité de commande hydraulique, en particulier pour le contrôle de soupape de moteur à combustion interne

Publication

EP 0600381 B1 19970326 (EN)

Application

EP 93119034 A 19931125

Priority

IT TO920972 A 19921130

Abstract (en)

[origin: EP0600381A1] A hydraulic actuating unit comprising a control member (11) formed by a first tubular member (19) defining a pair of cavities (38, 48) accommodating slidably respectively a second member (14) and a third member (43); the third member (43) incorporates a non-return valve communicating with a chamber (34), formed between the first member (19) and the second member (14), and with a supply duct (60) for hydraulic fluid, and is movable under the pressure of the hydraulic fluid and against the action of resilient means (44) from a rest position, in which it connects said chamber (34) with an outlet opening (37, 39) of the first member (19), into a second operating position in which said chamber (34) is isolated from the outlet opening (37, 39). <IMAGE>

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F01L 13/00; F01L 1/24

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1612376A1; US7644693B2; WO2006003514A1

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