

Title (en)
ELECTRO-HYDRAULIC ADJUSTING DEVICE

Title (de)
ELEKTROHYDRAULISCHE STELLEINRICHTUNG

Title (fr)
DISPOSITIF ELECTROHYDRAULIQUE DE POSITIONNEMENT

Publication
EP 0653014 B1 19960515 (DE)

Application
EP 93914613 A 19930708

Priority
• DE 9300608 W 19930708
• DE 4224653 A 19920725

Abstract (en)
[origin: DE4224653A1] The electro-hydraulic adjusting device for actuating a device for moving at least one camshaft of an internal combustion engine in relation to its crankshaft has two differential pistons (42, 12), each of which serves to move a camshaft (inlet or outlet). A pump applies pressure to the small effective piston area (14, 40) of the two differential pistons (42, 12). To the pressure chambers (11, 44) at the larger effective piston area is allocated an independent pressure control valve (21, 46; 60) via which the pressure in said pressure chamber can be controlled independently of the other differential piston.

IPC 1-7
F01L 1/34; **F15B 11/16**; **F15B 11/22**

IPC 8 full level
F01L 1/34 (2006.01); **F02D 13/02** (2006.01); **F15B 11/16** (2006.01); **F15B 11/22** (2006.01)

CPC (source: EP)
F01L 1/34 (2013.01)

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DE FR IT

DOCDB simple family (publication)
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