

Title (en)  
HYDRAULIC VALVE CONTROL DEVICE

Publication  
**EP 0255668 B1 19900103 (DE)**

Application  
**EP 87110729 A 19870724**

Priority  
DE 3625652 A 19860729

Abstract (en)  
[origin: EP0255668A2] 1. A device for the hydraulic control of reciprocating valves on piston engines where the opening movement s transmitted through a hydraulic chamber (3) and a working piston (4) directly to the valve (7) and the closing movement is triggered by a force-storage element (22) acting upon the valve (7), while for the fluid then displaced by the working piston (4) a damping gap (19) which is formed by the working piston (4) and a non-displaceable wall (15) of the hydraulic chamber (3) is provided, characterised in that the working piston (4) is provided with a blind hole in which there is guided a brake element (8) supported through a force-storage means (9) on the working piston (4) and displaceable in the direction of movement of the working piston which brake element forms one of the surfaces of the damping gap.

IPC 1-7  
**F01L 1/16**; **F01L 9/02**

IPC 8 full level  
**F01L 1/16** (2006.01); **F01L 9/12** (2021.01)

CPC (source: EP)  
**F01L 1/16** (2013.01); **F01L 9/12** (2021.01)

Cited by  
AT410696B; DE102006012067A1; DE102006012067B4; DE3833459A1; EP0317371A1; US6382147B1; WO2018065011A1;  
DE102017113783A1; US10718237B2

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0255668 A2 19880210**; **EP 0255668 A3 19880323**; **EP 0255668 B1 19900103**; DE 3761320 D1 19900208; ES 2012474 B3 19900401

DOCDB simple family (application)  
**EP 87110729 A 19870724**; DE 3761320 T 19870724; ES 87110729 T 19870724