

Title (en)  
Hydraulic device.

Title (de)  
Hydraulikanlage.

Title (fr)  
Dispositif hydraulique.

Publication  
**EP 0445529 B1 19941019 (DE)**

Application  
**EP 91101440 A 19910204**

Priority  
DE 4007073 A 19900307

Abstract (en)  
[origin: EP0445529A1] The hydraulic device has a gear pump (10), the delivery flow of which can be controlled with the aid of a sealing plate (31) which can be placed against the side faces of the gear. This is effected with the aid of a control pressure produced by a pressure balance (24) which is subjected, on the one hand, to the delivery pressure of the pump and, on the other hand, for example, to the load pressure at loads. An internal bypass which depends on the distance between the sealing plate and the side faces of the gear and effects control of the delivery rate is created.  
<IMAGE>

IPC 1-7  
**F04C 15/04**

IPC 8 full level  
**F04C 14/26** (2006.01)

CPC (source: EP)  
**F04C 14/265** (2013.01)

Cited by  
DE102014216038A1; EP1048879A3; FR2706541A1; DE19924855A1; DE19917593C2; DE112006003469B4; EP1046819A2; WO2007068233A1; EP1048879A2; US6387000B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0445529 A1 19910911; EP 0445529 B1 19941019**; DE 4007073 A1 19910912; DE 59103251 D1 19941124

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**EP 91101440 A 19910204**; DE 4007073 A 19900307; DE 59103251 T 19910204