

Title (en)  
Hydraulic device

Title (de)  
Hydrauliksteuerung

Title (fr)  
Commande hydraulique

Publication  
**EP 2339185 B1 20130213 (DE)**

Application  
**EP 09015873 A 20091222**

Priority  
EP 09015873 A 20091222

Abstract (en)  
[origin: EP2339185A1] The control (H) has a pressure deflector (16) arranged in a relief duct (15) extending from a main line (P) to a tank (R). The deflector is subjected with control pressure, which is produced by a pump (P1) with a small delivery rate, in a switching direction towards a blocking position (17). The pump supplies the line. The pressure is derived from a pressure difference produced at a throttle (23). A cross-section of the throttle is adjusted to a small delivery rate so that the deflector is brought into the blocking position by activating the pump and another pump (P3) with temporal delay.

IPC 8 full level  
**F15B 11/17** (2006.01)

CPC (source: EP)  
**F15B 11/17** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/20584** (2013.01); **F15B 2211/20592** (2013.01); **F15B 2211/2654** (2013.01); **F15B 2211/40507** (2013.01); **F15B 2211/40569** (2013.01); **F15B 2211/41563** (2013.01); **F15B 2211/428** (2013.01); **F15B 2211/45** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2339185 A1 20110629; EP 2339185 B1 20130213; ES 2401560 T3 20130422**

DOCDB simple family (application)  
**EP 09015873 A 20091222; ES 09015873 T 20091222**