

Title (en)  
Hydraulic control device

Title (de)  
Hydraulische Steueranordnung

Title (fr)  
Commande hydraulique

Publication  
**EP 1691083 B1 20090520 (DE)**

Application  
**EP 06100715 A 20060123**

Priority  
DE 102005005927 A 20050209

Abstract (en)  
[origin: EP1691083A2] Hydraulic control arrangement (1) comprises an emergency operating valve (8) actuated by hand arranged in a control oil flow path. A directional control valve can be adjusted by the emergency operating valve to a position to actuate the consumer when the pilot valve arrangement (47) is in the base position. An independent claim is also included for a rotary disk valve for the above hydraulic control arrangement. Preferred Features: The emergency control valve shuts off the connection to a pressure reducing valve (30) in its switched positions (a, b). The emergency control valve is a rotary disk valve. The pilot valve arrangement has a pressure limiting valve (32) for limiting the pressure in the control oil flow path.

IPC 8 full level  
**F15B 11/16** (2006.01); **F15B 20/00** (2006.01)

CPC (source: EP)  
**F15B 11/166** (2013.01); **F15B 20/00** (2013.01); **F15B 20/002** (2013.01); **F15B 20/008** (2013.01); **F15B 2211/3127** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/351** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/5157** (2013.01); **F15B 2211/57** (2013.01); **F15B 2211/6054** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/67** (2013.01); **F15B 2211/8757** (2013.01)

Cited by  
CN105351407A; EP2181920A3; CN103925261A; CN103307048A; US8499552B2; US8281583B2; US8671824B2; WO2009127349A1

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