

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

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1691083 A2 20060816; **EP 1691083 A3 20070502**; **EP 1691083 B1 20090520**; AT E431906 T1 20090615; DE 102005005927 A1 20060817; DE 502006003754 D1 20090702; DK 1691083 T3 20090914

DOCDB simple family (application)
EP 06100715 A 20060123; AT 06100715 T 20060123; DE 102005005927 A 20050209; DE 502006003754 T 20060123; DK 06100715 T 20060123