

Title (en)  
HYDRAULIC CONTROL SYSTEM

Title (de)  
HYDRAULISCHE STEUERANORDNUNG

Title (fr)  
DISPOSITIF DE COMMANDE HYDRAULIQUE

Publication  
**EP 1831573 B1 20120418 (DE)**

Application  
**EP 05850157 A 20051214**

Priority  
• DE 2005002262 W 20051214  
• DE 102004061555 A 20041221

Abstract (en)  
[origin: US2008053081A1] The invention relates to a hydraulic control system for providing at least one hydraulic consumer with a pressure medium. Said system comprises an LS pump system and a metering port for adjusting the pressure medium volume flow rate towards the consumer. The LS line is connected to a pressure medium sink via a current regulator. The invention is characterized in that the current regulator can be adjusted depending on the pump rate in order to modify the pressure drop at the metering port.

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

CPC (source: EP US)  
**F15B 11/163** (2013.01 - EP US); **F15B 11/168** (2013.01 - EP US); **F15B 2211/20538** (2013.01 - EP US); **F15B 2211/3053** (2013.01 - EP US); **F15B 2211/3111** (2013.01 - EP US); **F15B 2211/3144** (2013.01 - EP US); **F15B 2211/329** (2013.01 - EP US); **F15B 2211/651** (2013.01 - EP US); **F15B 2211/654** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US)

Cited by  
CN112360833A

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)  
**US 2008053081 A1 20080306**; **US 7946114 B2 20110524**; AT E554291 T1 20120515; DE 102004061555 A1 20060622;  
EP 1831573 A1 20070912; EP 1831573 B1 20120418; JP 2008524529 A 20080710; JP 4801091 B2 20111026; WO 2006066548 A1 20060629

DOCDB simple family (application)  
**US 79323205 A 20051214**; AT 05850157 T 20051214; DE 102004061555 A 20041221; DE 2005002262 W 20051214; EP 05850157 A 20051214;  
JP 2007547166 A 20051214