

Title (en)
Hydraulic control device

Title (de)
Hydraulische Steueranordnung

Title (fr)
Agencement de commande hydraulique

Publication
EP 2028376 A3 20120808 (DE)

Application
EP 08012275 A 20080708

Priority
• DE 102007039732 A 20070822
• DE 102007045803 A 20070925

Abstract (en)
[origin: EP2028376A2] The arrangement has an inlet pressure balance (5) provided in a pressurizing medium flow path between a pump (4) and one of two consumers e.g. traction drives. A power-beyond-connector (64) branches in the pressurizing medium flow path between the pump and the inlet pressure balance. The inlet pressure balance is charged in a closing direction by a force of a spring (72) and in an opening direction by a pressure on an inlet (P). The balance is charged in the closing direction additionally and selectively by a largest load pressure or by a pressure above the largest load pressure.

IPC 8 full level
F15B 11/05 (2006.01); **E02F 9/22** (2006.01); **F15B 11/16** (2006.01)

CPC (source: EP)
E02F 9/2235 (2013.01); **E02F 9/2285** (2013.01); **E02F 9/2292** (2013.01); **E02F 9/2296** (2013.01); **F15B 11/055** (2013.01); **F15B 11/162** (2013.01); **F15B 11/165** (2013.01); **F15B 11/168** (2013.01); **F15B 2211/20553** (2013.01); **F15B 2211/253** (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/327** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/6054** (2013.01); **F15B 2211/6058** (2013.01); **F15B 2211/653** (2013.01)

Citation (search report)
• [A] DE 102004048684 A1 20060413 - BOSCH REXROTH AG [DE]
• [A] US 4977928 A 19901218 - SMITH GLENN G [US], et al
• [ADP] DE 102006008940 A1 20070830 - BOSCH GMBH ROBERT [DE]

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EP4095393A1; IT202100014123A1; WO2023035365A1; EP2875268B1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2028376 A2 20090225; EP 2028376 A3 20120808; EP 2028376 B1 20131127

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