

Title (en)
Hydraulic arrangement

Title (de)
Hydraulische Anordnung

Title (fr)
Arrangement hydraulique

Publication
EP 1659087 A3 20120530 (DE)

Application
EP 05111001 A 20051121

Priority
DE 102004056418 A 20041123

Abstract (en)
[origin: EP1659087A2] Hydraulic arrangement comprises a switching valve (60) arranged in a first line (22) between a load holder (32) and a control unit (12) and a hydraulic storage unit (48) connected to the first line arranged between the load holder and the first switching valve. The load holder and the first switching valve are synchronously controlled independent of a filling pressure of a hydraulic cylinder (26). The load holder is brought into an open position from a closed position in the direction of the control unit and the switching valve is brought into a closed position from an open position in the direction of the control unit. Preferred Features: A hydraulic control pressure unit (70) is also provided and has a conveying unit (72) producing a control pressure, a first control pressure line (80) and a first control pressure valve (74) joining the first control pressure line with the conveying unit or hydraulic tank (20).

IPC 8 full level
B66F 9/065 (2006.01); **B66F 9/22** (2006.01); **E02F 9/22** (2006.01); **F15B 1/02** (2006.01)

CPC (source: EP US)
B66F 9/0655 (2013.01 - EP US); **B66F 9/22** (2013.01 - EP US); **E02F 9/2207** (2013.01 - EP US); **E02F 9/2217** (2013.01 - EP US); **E02F 9/2228** (2013.01 - EP US); **E02F 9/226** (2013.01 - EP US); **E02F 9/2292** (2013.01 - EP US); **F15B 1/021** (2013.01 - EP US); **F15B 11/0445** (2013.01 - EP US); **F15B 2211/50581** (2013.01 - EP US); **F15B 2211/625** (2013.01 - EP US); **F15B 2211/6336** (2013.01 - EP US); **F15B 2211/8616** (2013.01 - EP US); **F15B 2211/863** (2013.01 - EP US)

Citation (search report)
• [AD] EP 1157963 A2 20011128 - BAMFORD EXCAVATORS LTD [GB]
• [E] EP 1657213 A1 20060517 - PARKER HANNIFIN AKTIEBOLAG [SE]
• [A] EP 1188587 A2 20020320 - HUSCO INT INC [US]
• [A] FR 2851592 A1 20040827 - HYDROKIT [FR]

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EP1743981A1; EA012366B1; EP2896839A1; EP3943440A1; US11427987B2; WO2008006730A1; WO2008013466A1; US8204655B2; EP1914353A3; EP3771684A1

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