

Title (en)
Hydraulic circuit

Title (de)
Hydraulische Schaltungsvorrichtung

Title (fr)
Circuit hydraulique

Publication
EP 1106840 B1 20050309 (DE)

Application
EP 00126948 A 20001208

Priority
DE 19959560 A 19991210

Abstract (en)
[origin: EP1106840A2] A hydraulic switching system ha at least two main switching controls (2, 3) each controlled by dedicated control switches and interlinked by AND and OR logic circuits to ensure a rapid switching between the different possible output states. The logic system ensures that if the first system is switched for forward pressure the second system is switched off and vice versa, while, when the first system is switched into the reverse setting the second system can be switched to either setting. The system ensures, for instance, that switching can be rapid without waiting for a lengthy motor reversing sequence.

IPC 1-7
F15B 11/16; **F15B 11/20**

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

CPC (source: EP US)
F15B 11/16 (2013.01 - EP US); **F15B 11/20** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/30515** (2013.01 - EP US); **F15B 2211/3052** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/40515** (2013.01 - EP US); **F15B 2211/428** (2013.01 - EP US); **F15B 2211/46** (2013.01 - EP US); **F15B 2211/50518** (2013.01 - EP US); **F15B 2211/5157** (2013.01 - EP US); **F15B 2211/7128** (2013.01 - EP US); **F15B 2211/7142** (2013.01 - EP US); **F15B 2211/76** (2013.01 - EP US); **F15B 2211/78** (2013.01 - EP US)

Cited by
EP2799722A1; EP1972480A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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