

Title (en)

HYDRAULIC SYSTEM FOR CONTROLLING A LOADDRIVEN ACTUATOR

Publication

EP 0502411 A3 19930203 (DE)

Application

EP 92103245 A 19920226

Priority

DE 4106845 A 19910304

Abstract (en)

[origin: EP0502411A2] 2.1 Hydraulic systems (10) of the said type are used, e.g. in harvesters, to lower a harvesting attachment to a level at which it is supported with a predetermined force on the ground. In order to achieve this aim, conventional hydraulic systems are provided with a multiplicity of valves which are controlled in a complicated manner. 2.2 It is proposed to use a proportional pressure-relief valve as a pilot valve (20) for a main valve (18) permitting the lowering operation, which pilot valve (20) can be preloaded by means of a magnet (66) variable in its voltage. 2.3 Hydraulic systems (10) of this type are used in the positional control of harvesting attachments on harvesters. <IMAGE>

IPC 1-7

F15B 11/02

IPC 8 full level

F15B 11/02 (2006.01)

CPC (source: EP US)

F15B 11/02 (2013.01 - EP US); **F15B 2211/20538** (2013.01 - EP US); **F15B 2211/212** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/40515** (2013.01 - EP US); **F15B 2211/41572** (2013.01 - EP US); **F15B 2211/426** (2013.01 - EP US); **F15B 2211/45** (2013.01 - EP US); **F15B 2211/50518** (2013.01 - EP US); **F15B 2211/50536** (2013.01 - EP US); **F15B 2211/5151** (2013.01 - EP US); **F15B 2211/528** (2013.01 - EP US); **F15B 2211/615** (2013.01 - EP US); **F15B 2211/625** (2013.01 - EP US); **F15B 2211/7052** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

BE DE DK FR GB IT

DOCDB simple family (publication)

EP 0502411 A2 19920909; EP 0502411 A3 19930203; DE 4106845 A1 19920924; DE 4106845 C2 19930304; US 5355773 A 19941018

DOCDB simple family (application)

EP 92103245 A 19920226; DE 4106845 A 19910304; US 84350092 A 19920228