

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>

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F15B 11/02

IPC 8 full level
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CPC (source: EP US)
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