

Title (en)  
HYDRAULIC CIRCUIT COMPRISING A SAFETY VALVE FOR A HYDRAULIC ACTUATOR

Publication  
**EP 0330575 B1 19930421 (FR)**

Application  
**EP 89400508 A 19890223**

Priority  
FR 8802289 A 19880225

Abstract (en)  
[origin: JPH0231085A] PURPOSE: To assure safety of a user even when breakage is generated in a hose in a control circuit to operate a load by providing pressure relief valve capable of sending a flow from an outlet to a control inlet from a specified pressure threshold value. CONSTITUTION: A selectively operable valve 17 exists between inlets A and B, this valve 17 has two positions, and one of them is selected in accordance with a control pressure applied to an inlet Z. One position corresponds to an intermediate position between A and B in a non-return valve to prevent circulation from the inlet B to A. The other position enables free circulation between the inlets B and A. Between the inlets B and Z, a calibration pressure relief valve 18 exists, and this valve 18 enables circulation from the inlet B to Z at a limited threshold value or over for pressure in a chamber 1A.

IPC 1-7  
**F15B 13/01**

IPC 8 full level  
**B64C 13/40** (2006.01); **F15B 13/01** (2006.01); **F15B 20/00** (2006.01); **F16K 15/18** (2006.01); **F16K 17/04** (2006.01)

CPC (source: EP US)  
**F15B 13/015** (2013.01 - EP US); **Y10T 137/87499** (2015.04 - EP US); **Y10T 137/87563** (2015.04 - EP US)

Cited by  
EP0466582A1; EP0463920A1; EP0756089A3

Designated contracting state (EPC)  
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**EP 0330575 A1 19890830; EP 0330575 B1 19930421**; AT E88548 T1 19930515; DE 68906056 D1 19930527; DE 68906056 T2 19940120; FR 2627838 A1 19890901; FR 2627838 B1 19910111; JP H0231085 A 19900201; US 4936032 A 19900626

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