

Title (en)
Servo system.

Title (de)
Servosystem.

Title (fr)
Système de servo.

Publication
EP 0068728 A1 19830105 (EN)

Application
EP 82303139 A 19820616

Priority
GB 8119838 A 19810626

Abstract (en)

A servo system (11) includes a servo control circuit (12a, 12b) adapted to control the flow of pressurised fluid to a hydraulic control jack (15), the control circuit including a main spool valve (25), a break-out valve (40) operative in the event of a failure of the spool valve (25) and in response to a subsequent movement of control means (13) to connect a source of pressurised fluid to operate a by-pass valve (31) to open a circuit between the chambers (15a, 15b) of the jack. Preferably the break-out valve (40) includes isolating means (42, 43, 44, 48) adapted to isolate the valve from subsequent movements of the control means (13).

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IPC 8 full level
B64C 13/42 (2006.01); **F15B 18/00** (2006.01)

CPC (source: EP)
F15B 18/00 (2013.01)

Citation (search report)

- [X] GB 1306710 A 19730214 - MAINZ GMBH FEINMECH WERKE
- [X] GB 1327393 A 19730822 - AUTOMOTIVE PROD CO LTD
- [A] DE 1601713 B2 19710902
- [A] GB 1497594 A 19780112 - MESSERSCHMITT BOELKOW BLOHM
- [A] FR 2006276 A1 19691226 - AUTOMOTIVE PROD CO LTD

Cited by
EP0137052A1; ES2156497A1; EP0152714A1; EP0546895A1; FR2684953A1; US5310315A; EP0639499A1; FR2709110A1; US5600220A;
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