

Title (en)
IMPROVEMENTS IN OR RELATING TO HYDRAULIC CONTROL SYSTEM

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EP 0092972 A3 19840516 (EN)

Application
EP 83302247 A 19830420

Priority
GB 8211628 A 19820422

Abstract (en)
[origin: EP0092972A2] A hydraulic control system is disclosed comprising two actuators operating in parallel or tandem each having a separate supply of hydraulic fluid and two electrohydraulic servo control valves interposed between each actuator and its respective hydraulic supply, each control valve having two operating coils for the electrical operation thereof, the said coils being connected to four electrical control lanes in such a manner that each lane is connected to one coil of a control valve associated with one actuator and with one coil of a control valve associated with the other actuator. Feedback control of the valves is preferably provided to equalise hydraulic imbalance, the valves for each actuator having differing overlap characteristics such that the feedback signal may apply selectively to the valves of one or other actuator.

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F15B 18/00

IPC 8 full level
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CPC (source: EP)
F15B 18/00 (2013.01)

Citation (search report)
• [A] GB 2082799 A 19820310 - ELLIOTT BROTHERS LONDON LTD
• [A] GB 1029527 A 19660511 - MOOG SERVOCONTROLS INC
• [A] US 3915427 A 19751028 - SWOGGER EMERY C
• [A] GB 940942 A 19631106 - AMERICAN BRAKE SHOE CO

Cited by
EP0178819A3; US2023151829A1; FR2915536A1; ES2185502A1; WO03029659A3; WO2023086556A1

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