

Title (en)
CONTROL DEVICE WITH SERVO VALVES

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Application
EP 85400760 A 19850417

Priority
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Abstract (en)
[origin: US4561470A] A control system for a fluid actuated control member is disclosed which utilizes a pair of electrically controlled servo valves to control the supply of servo pressure fluid to a control valve piston. The pair of servo valves are electrically controlled such that, under normal conditions, one of the servo valves is operative to supply the servo pressure signal, while the other servo valve remains in an inert, open position. Upon the detection of a malfunction in the operative servo valve, electrical switches render the malfunctioning valve inert and transfer the operative capabilities to the second servo valve. The hydraulic control system does retain 100% of its performance capabilities following a malfunction of the initial servo valve.

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GB 1369441 A 19741009 - DOWTY BOULTON PAUL LTD

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