

Title (en)
Hydraulic control system.

Title (de)
Hydraulisches Steuersystem.

Title (fr)
Système de commande hydraulique.

Publication
EP 0039247 A2 19811104 (EN)

Application
EP 81301900 A 19810430

Priority
GB 8014216 A 19800430

Abstract (en)
An hydraulic control system, particularly for controlling the movements about two axes of the nozzle of a fire fighting monitor. The supplies of working fluid, preferably water, from a source 18 to two double-acting actuators 58, 9 provided for this purpose are controlled by four pilot operated control valves 13-16 fed with hydraulic pressures signals, transmitted through a different fluid, from a remote hand-operated pressure generator 23. The transmission of signal pressures to the control valves may be effected via long lengths of flexible plastics tubing 27A-27D filled with the signal fluid and in order to avoid problems with the propagation of pressure changes through such tubing due to its inherent elasticity, the range of signal pressures to which each control valve is adapted to respond is selected to be at a relatively high level as compared with the pressure of the working fluid.

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CPC (source: EP)
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Cited by
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