

Title (en)  
Fluid control system.

Title (de)  
Druckflüssigkeits-Regelsystem.

Title (fr)  
Système de commande à fluide.

Publication  
**EP 0032300 A1 19810722 (EN)**

Application  
**EP 80304547 A 19801217**

Priority  
GB 8001193 A 19800114

Abstract (en)  
The invention relates to a hydraulic system for the control of an actuator consisting of a double acting cylinder and piston unit. The control system comprises a bi-directional pump C the opposite outlets C1 and C2 of which are connected respectively with the opposite ends of the cylinder B through a one-way pressure check valve D1. Each end of the cylinder is also connected with a hydraulic reservoir G through a check valve E1 which is also connected with the respective pump outlet C1 so as to close in response to a predetermined increase in the hydraulic pressure between the pump outlet C1 and its respective one-way pressure check valve D1.

IPC 1-7  
**F15B 7/00**

IPC 8 full level  
**F15B 11/08** (2006.01); **F15B 7/00** (2006.01)

CPC (source: EP)  
**F15B 7/006** (2013.01); **F15B 2211/20561** (2013.01)

Citation (search report)  
US 3877347 A 19750415 - SHEESLEY JOHN M, et al

Cited by  
US5107677A; EP0893605A1; CN105545839A; NL9401692A; US5857381A; FR2687206A1; US5161957A; GB2422862A; EP0291654A1; WO9612108A1; WO2008037307A1; US10724553B2; US9500206B2; US10288064B2; EP2346467B1

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DOCDB simple family (application)  
**EP 80304547 A 19801217**; AU 6596181 A 19810105; JP 256181 A 19810109; ZA 808017 A 19801222