

Title (en)
HYDRAULIC ACTUATOR CONTROLLED BY SERVOVALVE

Publication
EP 0251603 A3 19891206 (EN)

Application
EP 87305491 A 19870622

Priority
GB 8615427 A 19860624

Abstract (en)
[origin: EP0251603A2] In an hydraulic system in which an hydraulic actuator (1) is controlled by a servovalve (10;50), a feed back signal derived from fluid flow associated with actuator movement is used to operate the servovalve, to ensure accurate control of the hydraulic actuator. The feedback signal can be an hydraulic signal derived from the pressure differential developed across a restriction (30) in the fluid flow, which can be applied to the servovalve directly, or an electrical signal for application to an electrical input to the servovalve, after modification if required, obtained from the pressure differential.

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F15B 11/02; **F15B 13/16**

IPC 8 full level
F15B 13/043 (2006.01); **F15B 13/16** (2006.01)

CPC (source: EP KR)
F15B 11/00 (2013.01 - KR); **F15B 13/16** (2013.01 - EP)

Citation (search report)

- [X] US 3126031 A 19640324
- [Y] GB 2105881 A 19830330 - SPERRY CORP [US]
- [A] EP 0021742 A2 19810107 - SPERRY CORP [US]
- [A] GB 1335042 A 19731024 - SPERRY RAND LTD
- [A] DE 2447858 A1 19750417 - SPERRY RAND LTD

Cited by
US5232242A; US9140274B2; WO2012095561A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0251603 A2 19880107; **EP 0251603 A3 19891206**; AU 7456087 A 19880107; GB 8615427 D0 19860730; JP S6323006 A 19880130; KR 880000705 A 19880328

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