

Title (en)

Hydraulic actuator, method for operating a hydraulic actuator and controller therefor

Title (de)

Hydraulische Antriebsvorrichtung, Verfahren zum Betreiben einer hydraulischen Antriebsvorrichtung und Regel-/Steuergerät hierfür

Title (fr)

Actionneur hydraulique, méthode pour faire fonctionner un actionneur hydraulique et dispositif de commande associé.

Publication

EP 1462660 B1 20050720 (DE)

Application

EP 04006298 A 20040317

Priority

DE 10314302 A 20030325

Abstract (en)

[origin: EP1462660A1] A position sensor (42) is provided for determining the position of a pilot piston (26,28). A pilot valve (44) is operated depending on the position of a working piston (14,16) and the position of the pilot piston, and controls the pilot piston. A working valve is operated exclusively by the pilot valve. Independent claims are included for a method of operating a hydraulic drive device and for a control device for use in the method.

IPC 1-7

F15B 9/10; F15B 15/24; F15B 19/00; B30B 15/16; B30B 15/18

IPC 8 full level

F15B 9/10 (2006.01); **F15B 15/24** (2006.01); **F15B 19/00** (2006.01)

CPC (source: EP)

F15B 9/10 (2013.01); **F15B 15/24** (2013.01); **F15B 19/00** (2013.01)

Cited by

WO2012013373A1; DE102005009583A1; DE102010038448B3; CN102725540A; CN113515148A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1462660 A1 20040929; **EP 1462660 B1 20050720**; AT E299996 T1 20050815; DE 10314302 B3 20040930; DE 502004000026 D1 20050825

DOCDB simple family (application)

EP 04006298 A 20040317; AT 04006298 T 20040317; DE 10314302 A 20030325; DE 502004000026 T 20040317