Title (en)

Hydraulic servo device

Title (de)

Hydraulische Servoeinrichtung

Title (fr)

Dispositif asservi hydraulique

Publication

EP 0894982 A3 20000524 (EN)

Application

EP 98114115 A 19980728

Priority

JP 21800397 A 19970729

Abstract (en)

[origin: EP0894982A2] A cylinder houses an angularly movable pilot shaft and a piston axially movably mounted on the pilot shaft. When the pilot shaft is angularly moved, a communication passage defined in an outer circumferential surface of the pilot shaft is brought into communication with an oil supply passage or an oil drain passage for axially moving the piston. The pilot shaft has a pair of communication passages defined in the outer circumferential surface thereof, and the piston has a pair of oil passages defined therein. <IMAGE>

IPC 1-7

F15B 9/10; F15B 21/04; F15B 11/12

IPC 8 full level

F15B 9/10 (2006.01); **F15B 11/12** (2006.01); **F15B 15/14** (2006.01); **F15B 21/04** (2006.01); **F15B 21/044** (2019.01); **F16D 33/14** (2006.01)

CPC (source: EP)

F15B 9/10 (2013.01); **F15B 11/121** (2013.01); **F15B 21/044** (2013.01)

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0894982 A2 19990203; **EP 0894982 A3 20000524**; **EP 0894982 B1 20040107**; CN 1124418 C 20031015; CN 1210208 A 19990310; DE 69820934 D1 20040212; DE 69820934 T2 20041104; JP 3494858 B2 20040209; JP H1144303 A 19990216

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