

Title (en)

Hydraulic actuator position command device and interface manifold for a servovalve operating such device

Title (de)

Positionssteuereinrichtung für eine hydraulische Stellvorrichtung und Verkettungsgrundplatte für einen Servoventil zum Betreiben einer derartigen Vorrichtung

Title (fr)

Dispositif de commande en position d'un actionneur hydraulique et plaque interface de servovalve mettant en oeuvre un tel dispositif

Publication

EP 1548287 B1 20090408 (FR)

Application

EP 04292928 A 20041209

Priority

FR 0315427 A 20031223

Abstract (en)

[origin: EP1548287A1] The device has a hydraulic circuit with a pump (3) for supplying, from a hydraulic tank (5), two chambers (2a, 2b) of a hydraulic actuator (2) through a servo-valve (4). Pipelines (8a, 8b) of the valve are connected to the respective chambers of the actuator through anti-return valves (9a, 9b). The pipelines are connected to the hydraulic tank by calibrated metering jets (10, 10b), in upstream of the anti-return valves.

IPC 8 full level

F15B 11/00 (2006.01); **F15B 13/00** (2006.01); **F15B 13/08** (2006.01)

CPC (source: EP US)

F15B 11/003 (2013.01 - EP US); **F15B 13/0807** (2013.01 - EP US); **F15B 2211/20546** (2013.01 - EP US); **F15B 2211/3051** (2013.01 - EP US); **F15B 2211/30525** (2013.01 - EP US); **F15B 2211/3111** (2013.01 - EP US); **F15B 2211/3144** (2013.01 - EP US); **F15B 2211/31576** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/329** (2013.01 - EP US); **F15B 2211/40507** (2013.01 - EP US); **F15B 2211/41581** (2013.01 - EP US); **F15B 2211/46** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US); **F15B 2211/75** (2013.01 - EP US); **F15B 2211/765** (2013.01 - EP US); **F15B 2211/88** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1548287 A1 20050629; **EP 1548287 B1 20090408**; AT E428056 T1 20090415; DE 602004020440 D1 20090520; ES 2325395 T3 20090903; FR 2864178 A1 20050624; FR 2864178 B1 20060217; PL 1548287 T3 20090930; US 2005132876 A1 20050623

DOCDB simple family (application)

EP 04292928 A 20041209; AT 04292928 T 20041209; DE 602004020440 T 20041209; ES 04292928 T 20041209; FR 0315427 A 20031223; PL 04292928 T 20041209; US 89693104 A 20040723