

Title (en)

HYDRAULIC ACTUATOR, IN PARTICULAR FOR ENGAGING, A TUBE GUIDE INTEGRAL WITH AN EXTERNAL BODY

Title (de)

NEHMERZYLINDER, INSBESONDERE FÜR EINE KUPPLUNG, MIT EINER AM ÄUSSEREN GEHÄUSE BEFESTIGTEN FÜHRUNGSHÜLSE

Title (fr)

RECEPTEUR HYDRAULIQUE, NOTAMMENT D'EMBRAYAGE, A TUBE GUIDE SOLIDAIRE D'UN CORPS EXTERIEUR

Publication

**EP 1007862 A1 20000614 (FR)**

Application

**EP 99926560 A 19990629**

Priority

- FR 9901557 W 19990629
- FR 9808313 A 19980630
- FR 9808311 A 19980630

Abstract (en)

[origin: US6354188B1] The invention concerns a hydraulic, in particular clutching, actuator for receiving control data from a hydraulic circuit in the form of pressure variations. The concentric-type actuator (8) for hydraulic control comprises a fixed part (9) consisting of an external body (21) and a guide tube (22), both cylindrical and coaxial, and a piston (11) mounted sliding coaxially to the fixed part (9) and defining therein a chamber with variable volume (13) designed to be connected to the hydraulic control hydraulic transmitter, the external body (21) comprises on its internal face (35) a groove wherein is inserted a radial edge (31) with which the guide tube (22) is provided at one of its ends and which partially constitutes the variable volume chamber (13) bottom.

IPC 1-7

**F16D 1/00**

IPC 8 full level

**F16D 25/08** (2006.01)

CPC (source: EP KR US)

**F16D 25/083** (2013.01 - EP KR US); **F16D 25/087** (2013.01 - EP); **F16D 23/14** (2013.01 - EP); **F16D 2300/08** (2013.01 - EP)

Citation (search report)

See references of WO 0000753A2

Designated contracting state (EPC)

GB IT

DOCDB simple family (publication)

**US 6354188 B1 20020312**; DE 19981468 T1 20001026; EP 1007862 A1 20000614; JP 2003520334 A 20030702; KR 20010030576 A 20010416; WO 0000753 A2 20000106; WO 0000753 A3 20021003

DOCDB simple family (application)

**US 48644100 A 20000228**; DE 19981468 T 19990629; EP 99926560 A 19990629; FR 9901557 W 19990629; JP 2000557088 A 19990629; KR 20007002135 A 20000229