

Title (en)

COAXIAL MULTIPLE CHAMBER HYDRAULIC ACTUATOR AND SYSTEM PROVIDED WITH SYNCHRONISED ACTUATORS OF THIS TYPE

Publication

**EP 0105783 B1 19861105 (FR)**

Application

**EP 83401841 A 19830921**

Priority

FR 8216263 A 19820928

Abstract (en)

[origin: US4531451A] An hydraulic jack having more than two chambers is disclosed and is intended for use in a system of jacks, the displacement of which is to be synchronized. Each jack has a cylindrical center cavity in which a piston with a cylindrical cross section reciprocates, an annular cavity in which a piston with an annular cross-section reciprocates, and a rod for transmitting thrust connected to both pistons. In order to provide the jack with a minimum longitudinal dimension and with maximum rigidity, the two cavities are concentric and are separated by a stationary intermediate wall. The two pistons are connected to the rod for the transmission of thrust.

IPC 1-7

**F15B 15/14**; **F15B 11/22**; **F02K 1/76**

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0105783 A1 19840418**; **EP 0105783 B1 19861105**; DE 3367439 D1 19861211; FR 2533644 A1 19840330; FR 2533644 B1 19861219; IT 8322757 A0 19830902; JP H0148402 B2 19891019; JP S5977107 A 19840502; US 4531451 A 19850730

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