

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.

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IPC 8 full level
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Cited by
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