

Title (en)

Drive and guiding device with an actuator and a transmission element.

Title (de)

Antriebs- und Führungsvorrichtung mit einem Hubzylinder und einem Übertragungselement.

Title (fr)

Dispositif d'entraînement et de guidage avec un vérin et un élément de transmission.

Publication

EP 0105246 A1 19840411 (DE)

Application

EP 83109150 A 19830916

Priority

FR 8216707 A 19820930

Abstract (en)

1. A pressurized fluid-operated actuator comprising a lifting cylinder (2) the piston of which is movable inside a body (6), a piston rod (5), and at least one translating element (3) which is connected to the free end (5a) of the piston rod (5) through a strap (4) and is disposed in parallel to the lifting cylinder and is movable in a guide track (7) provided on the outside of the body (6), characterised in that the outer portion of the body (6) has polygonal cross-section along the entire length thereof, and that each outer surface of the body (6) is formed with a longitudinally extending slot (7), a respective one of said longitudinal slots (7) being used as guide track for a translating element (3) while the free longitudinal slots are provided for mounting the actuator on the mechanical unit (12) or another support.

Abstract (de)

Bei dieser Vorrichtung ist einerseits der Körper (6) des hydraulischen oder pneumatischen Zylinders (2) auf seiner Aussenseite mit wenigstens einer Längsnut (7) versehen, die geeignet ist, wenigstens teilweise eine Führungsbahn zu bilden, und andererseits ist wenigstens ein Übertragungselement (3), wie z.B. eine Zahnstange, an die Kolbenstange (5) des Zylinders (2) angekoppelt und parallel zur Kolbenstange (5) in der Führungsbahn verschiebbar befestigt.

IPC 1-7

F15B 15/02

IPC 8 full level

F15B 15/02 (2006.01); **F15B 15/08** (2006.01)

CPC (source: EP)

F15B 15/02 (2013.01); **F15B 15/065** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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