

Title (en)

DOUBLE-ACTING TELESCOPIC LINEAR ACTUATOR WITH SINGLE-MOTOR DRIVE SYSTEM

Title (de)

DOPPELT WIRKENDER TELESKOPISCHER LINEARAKTUATOR MIT EINZELMOTORANTRIEBSSYSTEM

Title (fr)

ACTIONNEUR LINEAIRE TELESCOPIQUE DOUBLE ACTION A SYSTEME D'ENTRAÎNEMENT A MOTEUR UNIQUE

Publication

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Application

EP 08845602 A 20080820

Priority

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- FR 0706964 A 20071004

Abstract (en)

[origin: WO2009056713A2] The present invention relates to a telescopic linear actuator for moving a first (10b) and a second (10a) element relative to a fixed element (102), comprising a base (101) intended to be attached to the fixed element (102) and acting as a housing for a first rod (106) that is prevented from rotating but able to be driven in a translational movement via a drive shaft (104) intended to be connected to rotational-drive means (107), the first rod being intended to be attached by one end (108) to the first element that is to be moved, the first rod supporting a second rod (117) positioned in the continuation of the former rod and intended to be attached by one end (118) to the second element that is to be moved, the said second rod being able to be prevented from rotating but driven in a translational movement via a second drive shaft (112) that passes through the base and is connected to rotational-drive means (113, 111), characterized in that the means of driving the rods (106, 117) comprise a motor capable of driving an input shaft with at least one differential, the said differential having, on the one hand, a first output shaft connected to one of the first or second drive shafts and, on the other hand, a second output shaft for its part connected to the second or first drive shaft.

IPC 8 full level

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Citation (search report)

See references of WO 2009056713A2

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