

Title (en)

Transmission system for rotating shafts for winding up blinds, doors and the like.

Title (de)

Übertragungssystem für die Rotation der Aufzugsgewinde der Läden, Türen und dergleichen.

Title (fr)

Système de transmission pour la rotation d'arbres d'enroulement de volets roulants, de portes roulantes et similaires.

Publication

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Application

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Priority

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Abstract (en)

A transmission system for rotating shafts, of the type formed by mechanisms transmitting rotary movements to the shaft of a cylinder for winding up or folding blinds, doors and the like, characterised in that, unlike the existing systems which transmit said movement by pulling belts which wind up automatically on appropriate pulleys or with devices driven by electric motors, this system operates through a transmission means which converts the linear movement of a piston (11) into a rotary movement of the shaft (3), said piston forming part of a hand operated hydraulic or pneumatic circuit (1) by way of a pertinent means whereby a press (6) of the circuit is actuated and which transmits the pressure thereof multiplied to said piston. Such transmission means may be indirect, for example by a cable (19) or direct, such as by way of a worm (13 min) or rack (13 sec), the circuit also being automatically controlled by the incorporation of solenoid valves.

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CPC (source: EP)

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- [X] FR 1006934 A 19520429
- [X] US 1837129 A 19311215 - MAPLES JACK B
- [Y] US 1781646 A 19301111 - KREGER NORMAN V

Cited by

NL1016241C2; CN103848367A; US7921898B2; WO2006123371A1; JP2014074313A

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