

Title (en)

BEARING AND DRIVING ASSEMBLY FOR THE COILING SHAFT OF A ROLLER DOOR

Publication

**EP 0254639 B1 19901010 (FR)**

Application

**EP 87401694 A 19870721**

Priority

- FR 8610736 A 19860723
- FR 8706465 A 19870507

Abstract (en)

[origin: US4828003A] A support and transmission module (25) for the winding shaft (23) of a lifting curtain door, said shaft being rotated by an electric motor, comprises a closed case (30) containing at least two parallel module shafts (31, 33, 35). A primary module shaft (31) and a secondary module shaft (33) are colinearly connectable to the outlet shaft (32) of the motor and to the winding shaft (23), respectively. These module shafts carry toothed wheels (42, 43, 44, 45) which cause them to rotate together. They transmit torque generated by the motor (27) to the winding shaft (23) and they reduce the speed of rotation of said motor. Such a module is reliable and can be prefabricated industrially and fitted to any type of lifting curtain door, and makes it possible, in combination with another, similar module, to replace the score of parts normally required for providing a system for supporting and driving the winding shaft of a lifting curtain door.

IPC 1-7

**E06B 9/68**

IPC 8 full level

**E06B 9/70** (2006.01)

CPC (source: EP US)

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Cited by

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