

Title (en)

Roll-up door and method for controlling the function thereof

Title (de)

Rolltor und Verfahren zur seiner Funktionskontrolle

Title (fr)

Porte à arbre d'enroulement entraîné électriquement et procédé de contrôle de fonctionnement d'une telle porte

Publication

EP 1719872 B1 20110914 (FR)

Application

EP 06356043 A 20060411

Priority

FR 0503624 A 20050412

Abstract (en)

[origin: EP1719872A1] The door has a flexible apron (1) windable by a winding shaft (3) electrically driven by two motorization assemblies (10A, 10B). Each assembly has a brake (16A, 16B) immobilizing the shaft. Each assembly is in catch with an end (3A, 3B) of the shaft. The power of each assembly is insufficient so that the assembly assures driving of the shaft in all possible configuration of the apron. A control unit (7) cuts the power supply of one assembly exerting a pulling torque for the apron in case of failure of the other assembly, when overload fault of the former assembly is detected. An independent claim is also included for a door operation controlling method.

IPC 8 full level

E06B 9/84 (2006.01); **E06B 9/56** (2006.01)

CPC (source: EP)

E06B 9/56 (2013.01); **E06B 9/84** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/43** (2013.01)

Cited by

CN108678647A; CN107989538A

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