

Title (en)

Rolling gate and method for detecting an unwanted load state on such a rolling gate

Title (de)

Rolltor und Verfahren zur Erfassung eines unerwünschten Lastzustands bei einem solchen Rolltor

Title (fr)

Portail roulant et procédé de détermination d'un état de charge indésirable par ce type de portail roulant

Publication

EP 2402543 B1 20170301 (DE)

Application

EP 11401536 A 20110623

Priority

DE 202010007949 U 20100630

Abstract (en)

[origin: EP2402543A2] The gate (1) has guides (5) arranged to two sides of a curtain (2) and for laterally guiding the curtain. The curtain is connected with a pulling unit (7), and a sensor (9) is provided for detecting deflection of the pulling unit from a basic position. An evaluation unit produces a signal during the deflection of the pulling unit that is fixed to an edge area of a lower end strip (3). The pulling unit is moved together with the end strip during rolling or unrolling of the curtain, where the end strip is deformably implemented in a plane of the curtain. The pulling unit is designed as a rubber cord or a rubber band.

IPC 8 full level

E06B 9/13 (2006.01); **E06B 9/58** (2006.01); **E06B 9/88** (2006.01)

CPC (source: EP)

E06B 9/13 (2013.01); **E06B 9/581** (2013.01); **E06B 9/88** (2013.01); **E06B 9/17046** (2013.01); **E06B 9/86** (2013.01); **E06B 2009/585** (2013.01); **E06B 2009/6818** (2013.01)

Cited by

DE102012111611A1; CN104822892A; WO2014082764A1; US9840869B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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