

Title (en)

OVERHEAD DOOR COUNTERBALANCED BY A TENSION COIL SPRING, HAVING A SAFETY ELEMENT PASSING THROUGH IT

Publication

**EP 0220742 A3 19870819 (DE)**

Application

**EP 86115093 A 19861030**

Priority

DE 3538801 A 19851031

Abstract (en)

[origin: EP0220742A2] The overhead door has a counter balancing device by use of helical tension springs arranged between a lateral spar of the frame and a pivoting lever which is itself mounted rotatably on the frame and articulated on the door leaf which is moreover mounted displaceably in horizontal guide rails via rollers. To provide protection against spring parts which are flung off when a spring breaks, one-part or two-part protective elements pass through these springs, specifically in such a way as to ensure a positive connection of the protective element.

IPC 1-7

**E05D 15/42**; **E05D 13/00**

IPC 8 full level

**E05D 13/00** (2006.01); **E05D 15/42** (2006.01); **E05F 1/10** (2006.01)

CPC (source: EP)

**E05D 13/1223** (2013.01); **E05D 15/425** (2013.01); **E05D 13/1215** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0220742 A2 19870506**; **EP 0220742 A3 19870819**; DE 3538801 A1 19870507; DE 3538801 C2 19931209

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