

Title (en)

ACTUATING RELAY FOR A VEHICLE SEAT BELT TENSIONING DEVICE

Publication

**EP 0248940 B1 19901003 (DE)**

Application

**EP 86112896 A 19860918**

Priority

DE 3619474 A 19860610

Abstract (en)

[origin: US4705922A] A relay for the operation of a belt tightener or tensioner for automobile safety belts in the event of a collision with an obstacle. The relay consists of a conduit or dry-reed contact arrangement which is arranged in a housing with its longitudinal axis aligned perpendicular to the direction of travel and vertical to the horizontal plane of the automobile, and an annular magnet surrounding the contact arrangement which is retained perpendicular to the longitudinal axis of the conduit of the contact arrangement by springs, equidistant from the contact arrangement at rest, and movable mainly horizontally.

IPC 1-7

**B60R 22/46**; **G01P 15/08**; **H01H 35/14**; **H01H 36/00**

IPC 8 full level

**B60R 22/46** (2006.01); **B60R 22/48** (2006.01); **G01P 15/08** (2006.01); **H01H 35/14** (2006.01); **H01H 36/00** (2006.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 4705922 A 19871110**; DE 3619474 A1 19871217; DE 3619474 C2 19880317; DE 3674791 D1 19901108; EP 0248940 A1 19871216; EP 0248940 B1 19901003; ES 2002829 A6 19881001; JP H0499163 U 19920827; JP S62292552 A 19871219; KR 880001006 A 19880330; KR 900001153 B1 19900227

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**US 93382686 A 19861124**; DE 3619474 A 19860610; DE 3674791 T 19860918; EP 86112896 A 19860918; ES 8602522 A 19861009; JP 10990091 U 19911216; JP 24329886 A 19861015; KR 860010486 A 19861209