

Title (en)

Buckle for safety belt provided with a tensioning device.

Title (de)

Gurtschloss für ein Sicherheitsgurtsystem, das mit einer Rückstrammeinrichtung versehen ist.

Title (fr)

Boucle de ceinture de sécurité pourvue d'un dispositif de tension.

Publication

**EP 0447762 B1 19940720 (DE)**

Application

**EP 91101123 A 19910129**

Priority

DE 4009272 A 19900322

Abstract (en)

[origin: US5097571A] A buckle for a safety belt system provided with a belt pretensioner is secured by a blocking pawl against unintentional opening at the end of the pretensioning stroke. By the locking pawl the release button is arrested at the housing before it has reached the end of its lost motion path. The driving of the locking pawl is by the inertia forces acting with a certain leverage at the center of gravity thereof at the end of the pretensioning stroke.

IPC 1-7

**A44B 11/25**

IPC 8 full level

**A44B 11/25** (2006.01); **B60R 22/46** (2006.01)

CPC (source: EP US)

**A44B 11/2523** (2013.01 - EP US); **Y10T 24/45623** (2015.01 - EP US); **Y10T 24/45665** (2015.01 - EP US)

Cited by

US5742987A; US7097206B2; WO9810673A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0447762 A1 19910925**; **EP 0447762 B1 19940720**; DE 4009272 A1 19910926; DE 59102209 D1 19940825; ES 2029220 T1 19920801; ES 2029220 T3 19941201; JP H04221503 A 19920812; JP H0624484 B2 19940406; US 5097571 A 19920324

DOCDB simple family (application)

**EP 91101123 A 19910129**; DE 4009272 A 19900322; DE 59102209 T 19910129; ES 91101123 T 19910129; JP 3304191 A 19910227; US 63855091 A 19910108