

Title (en)

Seat belt buckle with three branches.

Title (de)

Schnalle für einen Dreiband-Sicherheitsgurt.

Title (fr)

Boucle de ceinture de sécurité à trois bandes.

Publication

**EP 0659361 A3 19961016 (EN)**

Application

**EP 94120078 A 19941219**

Priority

IT TO930276 U 19931222

Abstract (en)

[origin: EP0659361A2] The buckle according to the invention comprises, in a shell (11), a carriage (15) slidable in a box-shaped casing (14) between a rest position and an operating position; opposing means (16) movable with respect to the said carriage (15) and opposing the simultaneous insertion into the casing (14) of two tongues (12) connected to corresponding portions of the seat belt, but not opposing the insertion of one tongue (12) only; a spring bolt (17), kept in the rest position by the said carriage (15), a catch lever (17.4) connected to the said bolt (17) to keep a release button (18) depressed in a corresponding aperture of the shell (11), when the bolt (17) is in the rest position, so that the released condition of the buckle is indicated visually to the user. The two tongues (12) inserted simultaneously into the casing (14) engage the opposing means (16) and cause the carriage (15) to move, thus releasing the bolt (17) which locks the tongues. This does not happen when only one tongue (12) is inserted. <IMAGE>

IPC 1-7

**A44B 11/25**

IPC 8 full level

**A44B 11/25** (2006.01)

CPC (source: EP)

**A44B 11/2511** (2013.01); **A44B 11/2549** (2013.01); **A44B 11/2561** (2013.01)

Citation (search report)

- [A] EP 0519296 A1 19921223 - INDIANA MILLS & MFG [US]
- [A] US 3591902 A 19710713 - LOHR THOMAS E
- [A] US 4391023 A 19830705 - TANAKA KOBUN [JP], et al
- [A] EP 0362657 A2 19900411 - KATSUYAMA KINZOKU KOGYO [JP]
- [A] EP 0131255 A2 19850116 - AUTOFLUG GMBH [DE]
- [A] US 3396437 A 19680813 - WILLIAM BURLEIGH DAVID

Cited by

FR2929211A1; CN104494478A; EP2430942A1; ITTO20100760A1; WO2008155789A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0659361 A2 19950628; EP 0659361 A3 19961016**; IT 231546 Y1 19990803; IT TO930276 U1 19950622; IT TO930276 V0 19931222

DOCDB simple family (application)

**EP 94120078 A 19941219**; IT TO930276 U 19931222