

Title (en)

Safety belt buckle.

Title (de)

Verschluss für Sicherheitsgurte.

Title (fr)

Boucle pour ceinture de sécurité.

Publication

EP 0680705 A3 19970122 (DE)

Application

EP 95106076 A 19950424

Priority

DE 4416138 A 19940506

Abstract (en)

[origin: EP0680705A2] The fastener has a locking element (20) which is blocked in its locking position by at least one locking body (36) in the form of a roller which is moveable across the direction in which the locking element moves between a blocking and release position. The locking body is blocked by a blocking element (30) moveable parallel to the direction in which the locking element moves. The release key (24a,b) touches one arm and the blocking element touches the other arm of a two-armed pivot mounted reversing lever. The reversing lever is mounted by an elongated hole on a bearing pin (26) on the locking element. <IMAGE>

IPC 1-7

A44B 11/25

IPC 8 full level

B60R 22/30 (2006.01); **A44B 11/14** (2006.01); **A44B 11/25** (2006.01); **A44B 11/26** (2006.01); **B60R 22/12** (2006.01)

CPC (source: EP US)

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

Citation (search report)

- [A] US 4100657 A 19780718 - MINOLLA HORST
- [A] EP 0098726 A1 19840118 - BRITAX WINGARD LTD [GB]
- [A] EP 0559403 A1 19930908 - ALLIEDSIGNAL LTD [GB]
- [A] EP 0341840 A1 19891115 - GEN MOTORS CORP [US]
- [A] EP 0079835 A2 19830525 - PEUGEOT ACIERS ET OUTILLAGE [FR]
- [DA] DE 4009272 A1 19910926 - TRW REPA GMBH [DE]
- [A] GB 2267533 A 19931208 - NSK LTD [JP]

Cited by

US6170134B1; GB2312239B; WO9738600A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0680705 A2 19951108; **EP 0680705 A3 19970122**; CZ 116995 A3 19951213; CZ 280988 B6 19960515; DE 4416138 A1 19951109; DE 4416138 C2 20020613; ES 2080038 T1 19960201; JP 2896325 B2 19990531; JP H0847407 A 19960220; US 5542162 A 19960806

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