

Title (en)
Safety belt buckle

Title (de)
Verschluss für Sicherheitsgurte

Title (fr)
Boucle pour ceinture de sécurité

Publication
EP 0699400 A3 19970129 (DE)

Application
EP 95112948 A 19950817

Priority
DE 9414029 U 19940830

Abstract (en)
[origin: EP0699400A2] The clasp (10) of the safety belt is retained in the catch housing by a hinged retaining catch (16) whose inner end is held in the locked position by a spring-loaded slider catch (20). The coil spring (30) for the retaining catch has one end located over a short tag (35) on the hinged catch. The spring is aligned inside a guide duct formed by flanges attached to the inside of the catch housing (14). The catch is released via a release tab (24) on the side of the catch housing. The slider end of the spring has a wider-diameter section (40) which aligns centrally between the guide tags. The widened end has close spaced windings shaped into a flattened end flange.

IPC 1-7
A44B 11/25

IPC 8 full level
A44B 11/26 (2006.01); **A44B 11/14** (2006.01); **A44B 11/25** (2006.01); **B60R 22/12** (2006.01); **B60R 22/42** (2006.01)

CPC (source: EP KR US)
A44B 11/25 (2013.01 - KR); **A44B 11/2523** (2013.01 - EP US); **A44B 11/26** (2013.01 - KR); **Y10T 24/45623** (2015.01 - EP US); **Y10T 24/45628** (2015.01 - EP US); **Y10T 24/45634** (2015.01 - EP US); **Y10T 24/45644** (2015.01 - EP US); **Y10T 24/45665** (2015.01 - EP US)

Citation (search report)

- [A] DE 3337508 A1 19850502 - TRW REPA GMBH [DE]
- [A] DE 4320604 C1 19940519 - DAIMLER BENZ AG [DE]
- [A] GB 2027790 A 19800227 - KANGOL MAGNET LTD
- [A] GB 2166187 A 19860430 - TAKATA CORP

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 9414029 U1 19941020; CN 1127104 A 19960724; CZ 221595 A3 19960313; CZ 287274 B6 20001011; DE 59508083 D1 20000504; EP 0699400 A2 19960306; EP 0699400 A3 19970129; EP 0699400 B1 20000329; ES 2085252 T1 19960601; ES 2085252 T3 20000701; JP 2726019 B2 19980311; JP H08280417 A 19961029; KR 0142249 B1 19980701; KR 960006824 A 19960322; US 5598613 A 19970204

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DE 9414029 U 19940830; CN 95117149 A 19950829; CZ 221595 A 19950830; DE 59508083 T 19950817; EP 95112948 A 19950817; ES 95112948 T 19950817; JP 22079295 A 19950829; KR 19950026805 A 19950828; US 51824895 A 19950823