

Title (en)
Shockproof safety belt buckle.

Title (de)
Schocksicherer Sicherheitsgurtverschluss.

Title (fr)
Boucle pour ceinture de sécurité résistante aux chocs.

Publication
EP 0507266 B1 19950607 (DE)

Application
EP 92105593 A 19920401

Priority
DE 4110696 A 19910403

Abstract (en)
[origin: EP0507266A2] In a safety-belt buckle for receiving and locking an insertion tongue, having a housing and a push-in path for the insertion tongue, said push-in path being arranged in said housing and containing an ejector which is under a spring effect, having a bolt mounted in the buckle and cooperating with the tongue recess in the locking state, and having a spring-loaded sliding button guided transversely to the plane of movement of the bolt and intended for cancelling the locking, a securing element for fixing the bolt in the locking position of the buckle being arranged movably in the housing, simple shock-proofing is to be brought about. For this, the compensating mass (23) is connected to the securing element (18, 40) via a scissor-like linkage (24, 48, 50) having two connecting rods (24, 48, 50) guided via a centre of rotation (25, 47) located on the housing (10, 45) and intended for the compensating mass (23) and securing element (18, 40), in such a way that the linkage (24, 48, 50) brings about as a positive guide an opposite movement of the compensating mass (23) and securing element (18, 40) relative to one another. <IMAGE>

IPC 1-7
A44B 11/25

IPC 8 full level
A44B 11/25 (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
DE4344023A1; EP0868860A1; US6088890A; US6170134B1; US8458868B2; US8528173B2; WO2005011425A1; WO2009090002A1; WO9738600A1; WO2010046052A1

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EP 92105593 A 19920401; DE 59202428 T 19920401; JP 12405492 A 19920402; US 87479892 A 19920403