

Title (en)
Seat belt buckle with pin locking device

Title (de)
Sicherheitsgurtschloss mit Verriegelungssperre

Title (fr)
Boucle pour ceinture de siège avec une barrette de serrage

Publication
EP 0557983 B1 19960508 (DE)

Application
EP 93102945 A 19930225

Priority
DE 9202528 U 19920227

Abstract (en)
[origin: EP0557983A1] In order to develop a safety belt buckle (100) for vehicles for receiving and locking an insertion tongue (14) in a housing (11), having a buckle key (12) for removing the locking, in particular having a buckle key which can be actuated downwards, in such a way that it is also shock-proof in the case of deceleration forces which act in the actuating direction of the buckle key and of the opening mechanism, and that the blocking pin is blocked against displacement into the release position under the effect of deceleration forces, it is proposed that a blocking element (19), which is mounted on the housing (11) so as to be pivotable about a pivot (18) and has a free first arm (20), can be moved into a locking position which blocks the locking element (116) against movement out of the blocking position and engages in the movement path (17) and, when the buckle key (12) is actuated, can be moved, releasing the movement path (17) of the locking element (116), out of the movement path (17) into an unlocking position, and the blocking element (19) has a second, angled pivoting arm (21) for actuating and pivoting the blocking element (19) by means of the buckle key (12) from a basic position, in which the blocking element (19) is located in the movement path (17), into a position which releases the blocking pin (16), the pivoting arm (21) being connected at its free end (21a) to the buckle key (12) via a connecting element (22). <IMAGE>

IPC 1-7
A44B 11/25

IPC 8 full level
A44B 11/25 (2006.01)

CPC (source: EP)
A44B 11/2523 (2013.01)

Cited by
KR100850337B1; EP0823223A3; CN104203031A; DE102004010099A1; DE102004010099B4; DE102012002206A1; US7370393B2; US9901144B2; WO2005082194A1; DE102012018070A1; WO2013117317A1; US9402446B2; US7124480B2; DE102012002205A1; US7543363B2

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