



19

11 Publication number:

0 114 332
A3

12

EUROPEAN PATENT APPLICATION

21 Application number: 83112755.0

51 Int. Cl.⁴: A 44 B 11/25

22 Date of filing: 19.12.83

30 Priority: 23.12.82 SE 8207395

43 Date of publication of application:
01.08.84 Bulletin 84/31

88 Date of deferred publication of search report: 19.06.85

84 Designated Contracting States:
DE FR GB IT

71 Applicant: AUTOLIV AB
P.O. Box 124
S-44700 Vargarda(SE)

72 Inventor: Emanuelson, Bjorn
Naektergalsgatan 7
S-447 00 Vaargaarda(SE)

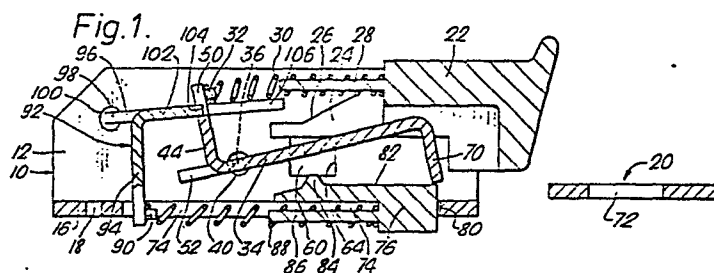
72 Inventor: Wallin, Jan-Olof
Klockaregaardsvaegen 3
S-441 35 Alingsaas(SE)

74 Representative: Frankland, Nigel Howard et al,
FORRESTER & BOEHMERT Widenmayerstrasse 4/I
D-8000 München 22(DE)

54 A buckle.

57 A buckle adapted to engage and retain a tongue part (20) attached to the strap portion of the vehicle safety belt when the tongue is inserted into the buckle along a predetermined path extending towards the rear of the buckle, said buckle comprising a main support member (10); a latch member (34) mounted on said support member (10) and movable between a "release" position and a "latching" position, the latch member having a portion (70) adapted to engage an abutment face defined on said tongue (20) when in said latching position; a secondary locking member (92) dimensioned and located to be moved, when the latch member (34) is in the latching position to a position in which the secondary locking member (92) engages part of the latch member (34), thus preventing the latch member (34) from

being inadvertently moved to the release position; and actuator means (22) operable to move the secondary locking member (92) to a position in which the latch member (34) may move to the release position and for moving the latch (34) to the release position to permit the tongue (20) to be released from the buckle: the latch member (34) having means adapted to engage the support member (10) if and when a substantial force is applied to the tongue (20) tending to withdrawn the tongue from the buckle while the latch (34) is in the latching position so that the force applied to the latch member (34) by the tongue is transferred directly to the support member (10).



EP 0 114 332 A3



EP 83 11 2755

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
X	EP-A-0 040 143 (PEUGEOT) * Page 2, line 35 - page 7, line 28; figures *	1,3,4,6	A 44 B 11/25
A	---	2,7-9	
X	FR-A-2 379 995 (PEUGEOT) * Page 2, line 26 - page 4, line 28; page 5, line 17 - page 6, line 10; figures *	1,3,4,6	
A	---	2,7-9	TECHNICAL FIELDS SEARCHED (Int. Cl. 3) A 44 B
X	WO-A-81 03 603 (STIL-INDUSTRI) * Page 2, line 6 - page 6, line 9; page 7, line 34 - page 8, line 18; figures *	1,4,6	
A	---	10	
X	DE-A-2 807 575 (STAHL GmbH) * Page 11; page 12, paragraph 1; page 13, line 24 - page 14, line 5; figures *	1,4,6	

	-/-		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-03-1985	Examiner Mlle. BOURSEAU A.M.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	GB-A-2 071 753 (LINDBLAD) * Page 1, line 77 - page 3, line 3; page 4, lines 36-56; figures *	1	

P,X	EP-A-0 071 013 (N.V.KLIPPAN) * Page 3, line 22 - page 6, line 2; page 8, lines 10-36; figures *	1,3-6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.)
A		2,7-10	
