

Title (en)
Seatbelt buckle assembly

Title (de)
Sitzgurtschnallenordnung

Title (fr)
Ensemble de boucle de ceinture de sécurité

Publication
EP 2545797 A1 20130116 (EN)

Application
EP 12174966 A 20120704

Priority
GB 201112019 A 20110713

Abstract (en)
Seatbelt buckle assembly 307 comprises a cover (350, Fig. 4) or bristles 370 arranged to keep foreign objects out of the buckle interior; particularly where a latch (not shown) engages with and retains the seatbelt tongue (200, Fig. 1). The flap or bristles may rotate outwardly (Fig. 9) to expel foreign objects; and may be actuated by a press button (360, Fig. 4) or press panel 380 in the buckle assembly. The flap may be opened automatically by a sensor (420, Fig. 7) signal as webbing is paid out from a retractor reel (400, Fig. 7). The flap or bristles is/are mounted adjacent to an outer tongue insertion area (320, Fig. 3), which is adjacent to a tongue release button 310. Advantage: prior art buckles allow foreign objects to fall into a tapered passage (330, Fig. 3) leading to an inner tongue insertion area (340, Fig. 3).

IPC 8 full level
A44B 11/25 (2006.01)

CPC (source: EP GB)
A44B 11/2523 (2013.01 - EP); **A44B 11/2569** (2013.01 - GB)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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