

Title (en)

Buckle for three-strap seat belt for safety seats for children transported in motor vehicles and the like

Title (de)

Schnalle für einen Dreitrüm-Sicherheitsgurt an Sicherheitssitzen für in Kraftfahrzeugen u.dgl. mitgeführte Kinder

Title (fr)

Boucle de ceinture de sécurité à trois sangles pour sièges de sécurité pour enfants transportés sur des véhicules automobiles et semblables

Publication

EP 0867131 A1 19980930 (EN)

Application

EP 98103267 A 19980225

Priority

IT TO970043 U 19970305

Abstract (en)

The buckle includes a shell, attached to one of the belt straps, a pair of plastic tongues, each attached to one of the other two belt straps and inserted, for fastening purposes, into the shell on top of each other, retention means which, when acted upon by elastic means, engage with the tongues when the latter are pushed into the shell, holding them firmly, and a release button able to move between a rest position and a working position, into which it is pushed manually, against the action of the elastic means, and disengages the retention means from the tongues, while an elastic ejection member, which is preloaded by the insertion of the tongues, automatically ejects the latter. According to the invention the said button (13) is able to move in a guided manner (in 11.3) relative to the said shell (11) and carries an integral metal pawl (14) that engages with the said tongues (12), the latter being inserted into the shell (11) on top of each other, by moving in a plane approximately perpendicular to the direction of insertion of the tongues, and keeps the parts securely engaged by the return action of the said elastic means (15), which push the said release button (13) into its rest position. <IMAGE>

IPC 1-7

A44B 1/00; **A44B 11/25**

IPC 8 full level

A44B 11/25 (2006.01)

CPC (source: EP)

A44B 11/2511 (2013.01); **A44B 11/2549** (2013.01); **A44B 11/2561** (2013.01)

Citation (search report)

- [A] EP 0309943 A1 19890405 - YOSHIDA KOGYO KK [JP]
- [A] US 2882581 A 19590421 - SPIELMAN JAMES F
- [A] GB 218779 A 19240717 - NORA BOURKE

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EP1295541A1; ES2156749A1; CN109707242A; US6868591B2; US7698791B2; WO0110259A1; US6694577B2; US6606770B1

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