

Title (en)

End release buckle with pivoting pawl release.

Title (de)

Endlösende Schnalle mit schwenkbarer Sperrhakenbefreiung.

Title (fr)

Extrémité de désaccouplement de boucle avec un linguet pivotant de dégagement.

Publication

EP 0566856 A1 19931027 (EN)

Application

EP 93103921 A 19930311

Priority

US 87249392 A 19920423

Abstract (en)

An end release buckle (10) with a pivoting pawl release (13). There is provided a buckle (10) for a safety belt harness in which the buckle (10) includes one or more levers (60) to assist in lifting a pawl (12). A push button (15) is used to move the lever arms (60), which lift the pawl (12). Ramps (83) may be included in the buckle (10), and are positioned so as to slide under and lift the pawl (12) as it is being lifted by the levers (60). The pawl levers (60) are positioned so that the lever feet (61) underlie and may lift the pawl (12). In addition, the levers (60) may include pawl blocks (62) to overlie the pawl (12) and prevent it from being disengaged without the levers (60) being moved, and may further include indents (65) in the pawl blocks (62) to prevent the pawl (12) from slipping away from the block (62). A dual button embodiment in which the pawl levers may be pivoted by depressing either of two buttons is also disclosed. <IMAGE>

IPC 1-7

A44B 11/25

IPC 8 full level

A44B 11/25 (2006.01)

CPC (source: EP)

A44B 11/2523 (2013.01)

Citation (search report)

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