

Title (en)

Belt quick-fastener for mountaineering.

Title (de)

Express-Bandschlinge für das Bergsteigen.

Title (fr)

Attache rapide à sangle pour l'escalade.

Publication

EP 0345176 A1 19891206 (FR)

Application

EP 89420190 A 19890601

Priority

FR 8807521 A 19880603

Abstract (en)

A quick-fastener is shaped like a ring starting from a belt 30, which is equipped with retaining means 38 which are intended to apply two elementary sections of the ring 30 one against the other in order to reduce the play, and to rigidify the link with a fixing snap-hook 20. <IMAGE>

IPC 1-7

A63B 29/02

IPC 8 full level

A63B 29/02 (2006.01)

CPC (source: EP)

A63B 29/02 (2013.01)

Citation (search report)

- EP 0239903 A1 19871007 - ENGERS STEFAN
- DE 2842008 A1 19800410 - BENK CLAUS ING GRAD
- DE 3712227 A1 19881027 - ENGERS STEFAN DIPL ING [DE]
- DE 2114207 A1 19720928 - BAUR HANS
- FR 2358500 A1 19780210 - ROBERT FELIX [FR]
- DE 860922 C 19521229 - ROST HELGE FABIAN, et al

Cited by

EP0970726A3; ITUB20151777A1; ITMI20130400A1; FR2750872A1; US8973509B2; WO2017002090A1; WO9801188A1

Designated contracting state (EPC)

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