

Title (en)

Movable restraint device for fall arrest on safety rope

Title (de)

Mitlaufendes Auffanggerät zur Sturzsicherung an einem Sicherungsseil

Title (fr)

Dispositif de retenue déplaçable pour l'arrêt de chute par corde de sécurité

Publication

EP 1522328 A3 20061018 (DE)

Application

EP 04022579 A 20040922

Priority

DE 20315415 U 20031007

Abstract (en)

[origin: EP1522328A2] A pulley for a safety line has a one piece construction with a U-shaped upper end (12, 14) through which the fixed safety line (24) is threaded and with a pivot mounted safety brake (18). The bottom end (16) of the pulley is solid and has a hole (26) for securing the shorter personal safety line (28). The centre of mass of the pulley ensures that the solid section is always set downwards and with the pulley running free along the fixed safety line. The safety brake is spring loaded and its pivot axis links the two parts of the U-profile.

IPC 8 full level

A62B 35/04 (2006.01); **A62B 1/14** (2006.01); **A63B 29/02** (2006.01)

CPC (source: EP)

A62B 1/14 (2013.01); **A63B 29/02** (2013.01)

Citation (search report)

- [XY] DE 3027676 A1 19820225 - ZLOF GEB SENDER CHRISTEL [DE]
- [Y] US 4923037 A 19900508 - STEPHENSON JOHN [CA], et al
- [A] US 2933157 A 19600419 - RICHARD HUBER JOHN

Cited by

CN104836164A; CN107265329A; CN110038234A; GB2432129A; GB2432129B

Designated contracting state (EPC)

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Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1522328 A2 20050413; **EP 1522328 A3 20061018**; **EP 1522328 B1 20080716**; AT E401110 T1 20080815; DE 20315415 U1 20031218; DE 502004007595 D1 20080828

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