

Title (en)  
Safety device for a climbing rope

Title (de)  
Sicherungseinrichtung für ein Kletterseil

Title (fr)  
Dispositif de sécurité pour une corde d'escalade

Publication  
**EP 0958845 A3 20010919 (DE)**

Application  
**EP 99109805 A 19990519**

Priority  
DE 29809056 U 19980519

Abstract (en)  
[origin: EP0958845A2] The frame has a housing with at least two or more rollers (4-6) to guide and steer the climbing cable (7). The rollers can be positioned in a common plane (E) and at least one of the rollers has a free wheel by which a downward movement of the cable section (7b) on which the climbing person hangs is prevented. The three rollers can be arranged in the housing so that their axes (X,Y,Z) are positioned on the apices of a triangle. The cable can be guided two dimensionally in the plane of the rollers.

IPC 1-7  
**A62B 1/08**

IPC 8 full level  
**A62B 1/08** (2006.01); **A62B 1/10** (2006.01)

CPC (source: EP)  
**A62B 1/10** (2013.01)

Citation (search report)  
• [A] FR 2741272 A1 19970523 - MORIN PIERRE FRANCOIS [FR]  
• [AD] DE 29520702 U1 19960307 - DAHM JOHANNES DIPL ING [DE]  
• [AD] DE 4315952 A1 19941117 - STALTMEIR ANTON [DE]  
• [AD] DE 2064761 A1 19720727  
• [AD] DE 2231844 A1 19740117 - BRDA OTTO

Cited by  
CN102274591A; DE10048046C2; DE102019107587B3; CN102526902A; AT510556A4; AT510556B1; WO2012139147A2; DE102015003545A1; DE102012022675A1; WO2012139147A3

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