

Title (en)
CATCH DEVICE FOR A CLIMBING PROTECTION SYSTEM

Title (de)
FANGEINRICHTUNG FÜR EIN STEIGSCHUTZSYSTEM

Title (fr)
DISPOSITIF DE BLOCAGE POUR SYSTEME ANTI-CHUTE

Publication
EP 1234089 B1 20100113 (DE)

Application
EP 00985113 A 20001129

Priority
• DE 29920850 U 19991129
• EP 0011967 W 20001129

Abstract (en)
[origin: US6725969B1] A fall arrester for a climbing protection system to prevent a person from falling from a ladder, platform, or similar structure. The fall arrester can be guided in a guide rail and has a housing and a pawl with an attachment point where the person to be secured is attached. The pawl is swivellable between an unlocked and a locked position of the fall arrester so that in the unlocked position, the connection line between the rotational axis and the attachment point form an acute angle to the horizontal, and the torque exerted by the spring on the pawl is less than the torque produced by the weight force of the fall arrester when the fall arrester is held at the attachment point.

IPC 8 full level
E06C 7/18 (2006.01); **A62B 35/00** (2006.01)

CPC (source: EP US)
A62B 35/0081 (2013.01 - EP US); **E06C 7/18** (2013.01 - EP US); **E06C 7/187** (2013.01 - EP US)

Cited by
CN104234403A; CN110528860A

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 6725969 B1 20040427; AT E455230 T1 20100115; CZ 20021860 A3 20030115; CZ 301395 B6 20100217; DE 29920850 U1 20000224; DE 50015845 D1 20100304; DK 1234089 T3 20100412; EP 1234089 A2 20020828; EP 1234089 B1 20100113; ES 2338296 T3 20100506; HU 227390 B1 20110530; HU P0203417 A2 20030128; PL 202998 B1 20090831; PL 355577 A1 20040504; WO 0140611 A2 20010607; WO 0140611 A3 20011122

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