

Title (en)
SAFETY DEVICE FOR ROPED CLIMBER

Title (de)
SICHERHEITSVORRICHTUNG FÜR EINEN ANGESEILTEN BERGSTEIGER

Title (fr)
DISPOSITIF DE SECURITE POUR GRIMPEUR SECURISE PAR UNE CORDE

Publication
EP 2616145 A1 20130724 (FR)

Application
EP 11722843 A 20110427

Priority
• FR 1053228 A 20100427
• FR 2011000254 W 20110427

Abstract (en)
[origin: WO2011135204A1] Safety device, for a roped climber, comprising a chassis, a housing (4) mounted to pivot on the chassis, a pulley (9) mounted to pivot in the housing (4), with the same axis of pivoting (6) as the housing, the pulley (9) being rotated by the rope (22) and comprising locking means capable of preventing the pulley (9) from rotating with respect to the housing (4) when the rotational speed of the pulley exceeds a predetermined speed, the housing (4) carrying a mobile stop (19) capable, by collaborating with a fixed stop (21) belonging to the chassis, to trap the rope (22) in order to prevent the rope from moving, characterized in that it further comprises an egg-shaped component (5) pivot-mounted on the chassis about an eccentric axis (23), said rope (22) sliding around said egg-shaped component (5) making at least one turn and being trapped between said egg-shaped component and a third stop (27) in order to brake the movement of the rope if the climber falls.

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CPC (source: EP)
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Citation (search report)
See references of WO 2011135204A1

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