

Title (en)
SAFETY DEVICE

Title (de)
SICHERHEITSEINRICHTUNG

Title (fr)
DISPOSITIF DE SÉCURITÉ

Publication
EP 1948324 B1 20101201 (EN)

Application
EP 06808395 A 20061102

Priority

- GB 2006004098 W 20061102
- GB 0523254 A 20051115
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Abstract (en)
[origin: WO2007057636A1] A safety device for a fall arrest system comprises: a body, attachment means for attaching the safety device to a support structure, a drum mounted for rotation relative to the body, a safety line wound on the drum, a speed sensitive clutch connected to the drum, and a linear energy absorber connecting the body to the attachment means, in which the speed sensitive clutch is adapted to respond to rotation of the drum relative to the body in a direction tending to unwind the safety line from the drum and above a predetermined speed by locking the drum against further rotation in said direction relative to the body, and the linear energy absorber is adapted to respond, when the speed sensitive clutch has locked the drum, to an applied load along the safety line greater than a threshold value by deploying and absorbing energy so that the attachment means moves away from the body.

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A62B 35/04 (2006.01)

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A62B 35/0093 (2013.01); **A62B 35/04** (2013.01)

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