

Title (en)  
Controlled descent device

Title (de)  
Gerät zum kontrollierten Abseilen

Title (fr)  
Dispositif de descente contrôlée

Publication  
**EP 1911495 A1 20080416 (EN)**

Application  
**EP 08151040 A 20010705**

Priority  
• EP 01952423 A 20010705  
• US 21611000 P 20000706

Abstract (en)  
A controlled descent device (10) for use in industrial or recreational settings for controlled descent of a user from an upper level to a lower level. The device comprises principally a steel housing (1), an internal spring-loaded drum (24) on which a webbing line (23) is wound, and an attachment to a harness worn by a user. A centrifugal brake mechanism (7) which acts upon the drum (24) to limit the rate of descent includes a manufactured one-way bearing (21). The line (23) constituent provides increased shock absorbing capabilities and is field replaceable.

IPC 8 full level  
**A62B 1/10** (2006.01); **A62B 1/16** (2006.01)

CPC (source: EP)  
**A62B 1/10** (2013.01); **A62B 1/16** (2013.01)

Citation (search report)  
• [A] US 4674599 A 19870623 - NELSON EDWARD I [US]  
• [A] GB 2256413 A 19921209 - INVETEK PLC [GB]

Cited by  
CN108525147A; CN101869743A; CN115531765A

Designated contracting state (EPC)  
DE FR GB

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