

Title (en)

Static and dynamic load dissipating and limiting device for civil and industrial works

Title (de)

Statische und dynamische Belastungskräfte-Verteilung und -Begrenzungsvorrichtung für Zivil- und Industrie-Konstruktionen

Title (fr)

Dispositif de dissipation et de limitation de charges statiques et dynamiques pour constructions d'habitation et industrielles

Publication

**EP 1016765 A3 20010606 (EN)**

Application

**EP 99125754 A 19991223**

Priority

IT MI982839 A 19981228

Abstract (en)

[origin: EP1016765A2] The present invention relates to a load dissipating and limiting device for protecting, recovering and making civil and industrial works, having a high strength against undesired static, seismic, aeolian and dynamic effects, comprising a plurality of shape memory alloy wires operating under a super-elastic effect and having their end portions interconnected to connecting element for coupling to a construction to be protected. <IMAGE>

IPC 1-7

**E04B 1/98**; **E04H 9/02**

IPC 8 full level

**E04H 9/02** (2006.01)

CPC (source: EP US)

**E04H 9/02** (2013.01 - EP US)

Citation (search report)

- [X] WO 9857014 A1 19981217 - DAVOODI HAMID [US], et al
- [X] US 5842312 A 19981201 - KRUMME ROBERT C [US], et al

Cited by

CN103671696A; CN112647610A; CN100410464C; CN104389355A; US10995511B2; ITBA20100045A1; EP2450506A3; JP2017503099A; US8328962B2; WO2007039271A3; EP2942543A1; WO03064717A1

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**EP 1016765 A2 20000705**; **EP 1016765 A3 20010606**; IT 1309546 B1 20020123; IT MI982839 A1 20000628

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