

Title (en)

LOAD DISSIPATING AND LIMITING ELEMENT

Publication

EP 0443988 B1 19930804 (EN)

Application

EP 91830012 A 19910118

Priority

IT 1941390 A 19900220

Abstract (en)

[origin: EP0443988A1] The present invention relates to a load dissipating and limiting element, for antiseismic devices and apparatus for bridges, viaducts, buildings and the like, comprising an elongated body (1) having restraining elements (2) at the ends thereof and, at an intermediate portion thereof, zones (3) tapering from the ends to the center portion thereof, and adapted to absorb elastic-plastic deformations. <IMAGE>

IPC 1-7

E01D 19/04; E04H 9/02

IPC 8 full level

E01D 19/04 (2006.01); **E04H 9/02** (2006.01)

CPC (source: EP)

E01D 19/04 (2013.01)

Citation (examination)

JP S63219928 A 19880913 - KAJIMA CORP

Cited by

CN104652252A; CN103510464A; ITMI20100765A1; FR2766853A1; IT202200006830A1; CN103498414A; US5682712A; US5797228A; EP1031680A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB LI NL SE

DOCDB simple family (publication)

EP 0443988 A1 19910828; EP 0443988 B1 19930804; AT E92571 T1 19930815; DE 69100215 D1 19930909; DE 69100215 T2 19931118; ES 2044714 T3 19940101; IT 1239224 B 19930928; IT 9019413 A0 19900220; IT 9019413 A1 19910821

DOCDB simple family (application)

EP 91830012 A 19910118; AT 91830012 T 19910118; DE 69100215 T 19910118; ES 91830012 T 19910118; IT 1941390 A 19900220