

Title (en)

Device for damping of vibrations in cables and method therefor

Title (de)

Vorrichtung zur Schwingungsdämpfung von Seilen und dazugehöriges Verfahren

Title (fr)

Dispositif pour amortir les vibration d'un cable et procede d'amortissement associe

Publication

EP 1512794 B1 20060531 (FR)

Application

EP 04292022 A 20040810

Priority

FR 0310420 A 20030903

Abstract (en)

[origin: EP1512794A1] The device has a clamping collar (3) around a bundle of metallic strands (5) of a cable. A hexagonal internal surface has piston type dampers (1) placed around the cable for absorbing vibratory energy of the strands. Each damper has a ball and socket joint (8) articulated with the collar and a ball and socket joint (7) articulated with a ball socket (2) integrated with an anchor tube (4) connected to a construction work. An independent claim is also included for a method of damping vibrations of a cable.

IPC 8 full level

E01D 1/00 (2006.01); **E01D 19/14** (2006.01); **E01D 11/00** (2006.01); **E01D 11/04** (2006.01); **E01D 19/10** (2006.01); **F16F 9/16** (2006.01); **F16F 9/54** (2006.01); **F16F 15/02** (2006.01); **F16F 15/023** (2006.01)

CPC (source: EP KR US)

E01D 11/00 (2013.01 - KR); **E01D 11/04** (2013.01 - KR); **E01D 19/14** (2013.01 - EP US)

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DOCDB simple family (publication)

EP 1512794 A1 20050309; **EP 1512794 B1 20060531**; AT E328159 T1 20060615; CN 100359204 C 20080102; CN 1590649 A 20050309; DE 602004001029 D1 20060706; DE 602004001029 T2 20070104; ES 2265626 T3 20070216; FR 2859260 A1 20050304; FR 2859260 B1 20060224; HK 1071779 A1 20050729; JP 2005076447 A 20050324; JP 4527427 B2 20100818; KR 101273641 B1 20130611; KR 20050024605 A 20050310; US 2005072895 A1 20050407; US 7422190 B2 20080909

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