

Title (en)  
ENERGY-ABSORBING AND FORCE-LIMITING FRICTION COUPLING

Title (de)  
ENERGIEABSORBIERUNGS- UND KRAFTBEGRENZUNGSREIBKUPPLUNG

Title (fr)  
ACCOUPLEMENT À FRICTION À ABSORPTION D'ÉNERGIE ET À LIMITATION DE FORCE

Publication  
**EP 1885975 A1 20080213 (EN)**

Application  
**EP 06747705 A 20060524**

Priority  
• NZ 2006000128 W 20060524  
• NZ 54031605 A 20050524

Abstract (en)  
[origin: WO2006126896A1] A device having kinetic energy-absorbing properties is connectable between selected points within a structure, for example a building within a seismic area. When one connectable part moves against another during an earthquake, friction is ensured by tension implanted internally at the time of manufacture, when one part of the device had been yieldingly forced into place in relation to another part. When in use the device provides a damping force should a force applied between its parts be greater than or equal to a predetermined force at which sliding friction begins.

IPC 8 full level  
**E04H 9/02** (2006.01); **E04B 1/98** (2006.01); **F16F 7/09** (2006.01)

CPC (source: EP US)  
**E04H 9/0237** (2020.05 - EP); **F16F 7/08** (2013.01 - EP US); **F16F 7/09** (2013.01 - EP US); **F16F 7/125** (2013.01 - EP US); **E04H 9/028** (2013.01 - US); **Y10T 29/49623** (2015.01 - EP US)

Citation (search report)  
See references of WO 2006126896A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006126896 A1 20061130**; CN 101238265 A 20080806; CN 101238265 B 20121010; EP 1885975 A1 20080213; JP 2008542642 A 20081127; JP 4964231 B2 20120627; NZ 540316 A 20070223; US 2009133338 A1 20090528

DOCDB simple family (application)  
**NZ 2006000128 W 20060524**; CN 200680018104 A 20060524; EP 06747705 A 20060524; JP 2008513393 A 20060524; NZ 54031605 A 20050524; US 92101806 A 20060524