

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
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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
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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

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