

Title (en)

Device for limiting the relative displacement of two elements of a civil engineering structure and structure with such a device

Title (de)

Vorrichtung zur Begrenzung der relativen Bewegung zweier Elemente einer Hoch- und Tiefbaustruktur und Struktur mit einer solchen Vorrichtung

Title (fr)

Dispositif permettant de limiter le déplacement relatif de deux éléments d'une structure de génie civil et structure comprenant un tel dispositif

Publication

**EP 1124028 B1 20031210 (FR)**

Application

**EP 01400242 A 20010131**

Priority

FR 0001597 A 20000209

Abstract (en)

[origin: US6651395B2] Device (1) able to limit the amplitude of the relative movement of two elements of a civil engineering structure and for absorbing the deformation energy of this structure when the latter is subjected to an accidental stress. The device (1) includes: at least one portion able to undergo a plastic deformation at the time of the relative movement of the two elements of the structure, a guiding device for guiding the plastic deformation of the portion able to undergo a plastic deformation, the portion able to undergo a plastic deformation and the guiding device forming a single piece element.

IPC 1-7

**E04H 9/02**

IPC 8 full level

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