

Title (en)

Stiffening fabric or band in pseudoelastic material to damp vibrations in elements subject to them

Title (de)

Verstärkungseinlage oder -band in einem pseudoelastischen Material zur Schwingungsdämpfung

Title (fr)

Etoffe ou bande d'entoilage en matériau pseudo-élastique pour amortir les vibrations

Publication

**EP 2028309 A1 20090225 (EN)**

Application

**EP 08014752 A 20080820**

Priority

IT MO20070270 A 20070823

Abstract (en)

Stiffening fabric or band in pseudoelastic material to damp vibration in elements subject to it, comprising a layer of material of thread(s) of pseudoelastic material, or SMA, with thread(s) arranged in the plane of the layer; characterised by the fact that the thread(s) in pseudoelastic material are arranged in strips of volutes, orientated with the pitches (L) of the volutes in the direction of the warp (O) and the amplitude of the volute (F) in the direction of the weft (T). Advantageously the fabric or band has at least one layer of support material and the volute strips, advantageously placed in the plane, are produced with different threads and the volutes are separate from each other.

IPC 8 full level

**D04H 13/00** (2006.01); **D04H 1/42** (2006.01); **D04H 3/05** (2006.01)

CPC (source: EP)

**D04B 21/14** (2013.01); **D04H 3/05** (2013.01); **D04H 13/00** (2013.01)

Citation (search report)

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