

Title (en)

Anti-shock device for a wheel turning on an axis

Title (de)

Mechanismus zur Stossdämpfung für ein Drehteil, das auf einer Achse dreht

Title (fr)

Dispositif anti-chocs pour mobile tournant sur un axe

Publication

**EP 1462879 A2 20040929 (FR)**

Application

**EP 04006027 A 20040313**

Priority

CH 5232003 A 20030326

Abstract (en)

An anti-shock assembly for a mobile component that turns about its axis consists of at least one spring component (1, 1') with a series of radial vanes between its outer edge (5) and a central support (3) that holds the axle of the mobile component or a stone (2). The anti-shock assembly for a mobile component that turns about its axis consists of at least one spring component (1, 1') with a series of radial vanes between its outer edge (5) and a central support (3) that holds the axle of the mobile component or a stone (2). The vanes can be inclined so they form an angle of 0 - 15 degrees with the diameter of the component, and they can be curved in shape. Each spring component can be made from metal, plastic or both by traditional machining, electro-erosion, electroforming, stamping, micro-moulding by illuminating resins that are sensitive to UV radiation, or by galvanic deposition or treatment.

Abstract (fr)

Le dispositif comprend deux éléments ressort (1 et 1') placés de part et d'autre du mobile, les éléments ressort étant constitués d'une suite de lamelles (4) reliant la périphérie de l'élément à un support central (3) agencé pour recevoir l'axe du mobile. <IMAGE>

IPC 1-7

**G04B 31/02**

IPC 8 full level

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CPC (source: EP)

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