

Title (en)
DYNAMIC DAMPING ELEMENT FOR TWO BONES

Title (de)
DÄMPFUNGSELEMENT ZUR DYNAMISCHEN VON ZWEI KNOCHEN

Title (fr)
ELEMENT AMORTISSEUR ASSURANT LA STABILISATION DYNAMIQUE DE DEUX OS

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Abstract (en)
[origin: WO2005030068A1] The invention relates to a damping element (1) which dynamically stabilises two bones, in particular two adjacent vertebral bodies comprising: A) a flexible element (20) which is externally coaxial with a longitudinal axis (3) and provided with a first (9) and second (10) ends cutting the longitudinal axis (3) and a coaxial hollow volume (13) which is open towards the first end (9) and closed towards the second end (10) by a frontal wall (14) perpendicular to the longitudinal axis; B) a coaxial connecting element (4, 5) is arranged on each of two ends (9, 10) for fixing the damping element (1) inside an osteosynthetic stabilisation device to both sides thereof, wherein C) an internal flexible element (15) which coaxially penetrates at least partly into said hollow volume (13) is provided and whose front end (17) is oriented towards the second end (10) of the external flexible element (20), and D) a distance $X \geq 0$ is axially provided between the front end (17) of a flexible internal element (15) and the frontal wall (14) of the hollow volume (13).

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