

Title (en)
SUPPORT CONSTRUCTION HAVING INCREASED STRUCTURAL DAMPENING

Title (de)
TRAGKONSTRUKTION MIT ERHÖHTER STRUKTURDÄMPFUNG

Title (fr)
CONSTRUCTION PORTANTE À AMORTISSEMENT STRUCTURAL ACCRU

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Application
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Abstract (en)
[origin: WO2010106047A1] The invention relates to a support construction (1) having at least one support element (2), wherein the support element (2) has at least one hollow space (5) wherein at least one rod (4) is arranged, wherein the total cross-section area of all rods (4) each arranged in a hollow space (5) is smaller than the cross-section area of said hollow space (5) and the remaining volume of the hollow space (5) is filled with a material (6). The rod (4) can be shifted along the longitudinal extension thereof relative to the support element (2) if the support element (2) is deformed, wherein the rod (4) is fastened to only one point in relation to the support element (2) in an immobile manner and designed so that it dissipates energy upon the occurrence of a relative shift to the support element (2).

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