

Title (en)

VEHICLE BRIDGE WITH VIBRATIONAL AND STRUCTURE-BORNE NOISE DAMPING

Title (de)

FAHRZEUGBRÜCKE MIT SCHWINGUNGS- UND KÖRPERSCHALLDÄMPFUNG

Title (fr)

PONT POUR VEHICULES A AMORTISSEMENT DES VIBRATIONS ET DU BRUIT DE STRUCTURE

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Application

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Abstract (en)

[origin: WO2006108413A1] The invention relates to a solution for damping vibrations and structure-borne noise that occur on vehicle bridges when traveled upon by vehicles. A vehicle bridge, which is comprised, in essence, of a substructure, bridge piers (1), bridge bearings (2, 2') and a supporting framework (3, 3') and which is equipped with means for damping the structure-borne noise occurring when a vehicle is traveling on the bridge, comprises modified bridge bearings that are provided in the form of one or more both horizontal as well as vertically elastic steel springs (4, 4', 5, 5').

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