

Title (en)

Method for increasing the load capacity, the stiffness and the damping of vibrations of a wooden joist ceiling arrangement and wooden joist ceiling arrangement with increased load capacity, stiffness and damping of vibrations.

Title (de)

Verfahren zur Erhöhung der Tragfähigkeit, Steifigkeit und Schwingungsdämpfung einer Holzbalkendeckenanordnung und Holzbalkendeckenanordnung mit erhöhter Tragfähigkeit, Steifigkeit und Schwingungsdämpfung

Title (fr)

Procédé pour augmenter la capacité portante, la rigidité et l'amortissement des vibrations d'un système de plafond avec des poutres en bois et système de plafond avec des poutres en bois avec capacité portante, rigidité et amortissement des vibrations augmentées.

Publication

EP 1596017 B1 20100630 (DE)

Application

EP 05009779 A 20050504

Priority

DE 102004022860 A 20040506

Abstract (en)

[origin: EP1596017A2] The support and vibration damping system may be used to strengthen an existing wooden floor in a building. It has a support block with a central beam (20) pressing on the midpoint of the plastered underside (16,18) of the floor. The beam is positioned under a main existing floor support beam (10). There is a spring member (24) under and extending either side of the beam, covered with sound insulating material (26). The beam and sound insulation are supported on a length adjustable rod standing on a broad foot resting on the underfloor.

IPC 8 full level

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CPC (source: EP)

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