

Title (en)

Use of a sound absorbing element as a spacer for the integration into a concrete structure, concrete structure with such an element and process for producing an acoustically acting spacer

Title (de)

Verwendung eines Schall absorbierenden Elementes als Abstandshalter zur Integration in eine Betonstruktur, Betonstruktur mit einem solchen Element sowie Verfahren zur Herstellung eines akustisch wirksamen Abstandshalters

Title (fr)

Utilisation d'un élément absorbant les sons comme une entretoise pour l'intégration dans une structure en béton, structure en béton avec un tel élément, et procédé de production d'une entretoise à effet acoustique

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Application

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Abstract (en)

[origin: WO2010091911A1] The invention relates to a spacer (01) for integration in a reinforced concrete structure (03), said spacer maintaining a distance between reinforcements (04) and the outer surfaces of the concrete structure. The spacer is distinguished by comprising an acoustically effective, that is sound-absorbing, material (09), which has an absorption area (06) that is exposed in the direction of an acoustically effective side (05) of the concrete structure (03) and is not covered by concrete even after the spacer has been cast in place. The invention also relates to a concrete structure, in particular a concrete floor (03), with reinforcements (04) and spacers of this kind cast in concrete (15). Finally, a method for producing a spacer comprising a surround (10) is specified.

IPC 8 full level

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