

Title (en)

GABION, NOISE REDUCTION WALL COMPRISING SUCH A GABION AND PROCESS FOR IMPLEMENTING SUCH A GABION

Title (de)

DRAHTSCHOTTERKASTEN, LÄRMSCHUTZWAND, DIE EINEN SOLCHEN DRAHTSCHOTTERKASTEN UMFASST, UND EINSATZVERFAHREN EINES SOLCHEN DRAHTSCHOTTERKASTENS

Title (fr)

GABION, MUR ANTI-BRUIT COMPRENANT UN TEL GABION, ET PROCÉDÉ DE MISE EN OEUVRE D'UN TEL GABION

Publication

EP 3214224 B1 20180509 (FR)

Application

EP 16305251 A 20160304

Priority

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Abstract (en)

[origin: CA3015727A1] The present invention concerns a gabion (1) comprising: - a cage (10) basically box-shaped, made up of a bottom (1 1), two frontal walls (12, 13) and two side walls (14, 15). That bottom, frontal and side walls are all formed from meshes respectively (1 1.1, 12.1, 13.1, 14.1, 15.1) that are fixed to each other; - two compartmenting partitions (20, 30), that each connect the side walls to one other within the interior of the cage so that the internal volume (V10) of the cage is divided into: - two frontal compartments (C1, C2) that are each filled with a filler material (70) made up of aggregate that cannot pass through the respective meshes of the bottom, the frontal or the side walls, nor through the compartmenting partitions in such a way that it is retained within those frontal compartments, and - an intermediate compartment (C3), bounded by the compartmenting partitions and which is able to receive a granular acoustic insulation material (2); and - at least one lifting partition (50, 60), that fixedly connects the frontal walls (12, 13) to each other within the cage extending through each of the frontal compartments and the intermediate compartment, which, opposite the bottom (1 1), is provided with at least one grab handle (51, 61), and which, for the part that is set out in the intermediate compartment, is suited to allowing the acoustic insulation material granules (2) to pass through it in such a way that the acoustic insulation material may spread freely, within the intermediate compartment, on either side of the lifting partition.

IPC 8 full level

E01F 8/02 (2006.01)

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Cited by

EP4050158A1; EP3819436A1; EP3537428A1; WO2019170633A1; DE202021100918U1; DE102021104377A1

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