

Title (en)

Vegetative soundbarrier, composed of a number of frame parts

Title (de)

Vegetative Lärmschutzwand, die aus einer Mehrzahl von Rahmenteilen besteht

Title (fr)

Ecran anti-bruit végétalisable, composé d'éléments de structure porteuse

Publication

EP 0534346 B1 19960403 (DE)

Application

EP 92116114 A 19920921

Priority

- DE 4219946 A 19920618
- DE 9111782 U 19910922

Abstract (en)

[origin: EP0534346A1] The invention relates to a vegetative noise-protection wall composed of a plurality of frame parts (1,1',1'',1''',14,14',18,19,25,27,27') which are arranged at intervals in the longitudinal direction of the wall. At least one of the longitudinally running, vertical delimiting surfaces of the noise-protection wall is composed of a plurality of steel or iron grid-type mats (6,6',6'',15,15',29,29'), in the form of a grid, which are fastened vertically between the frame parts (1,1',1'',1''',14,14',18,19,25,27,27'), the volume of the noise-protection wall enclosed by the frame parts (1,1',1'',1''',14,14',18,19,25,27,27') and that enclosed by the mats which have been fitted being filled with earth-type, stone-type or clay-type building materials or the like. The frame parts are formed from ladder-type profiles (1,1',1'',1''',14,14',18,19,25) (upright profiles) which are each composed of at least two stringers (2,3,20,20',26,26') which are connected by means of transversely or horizontally running rungs (5,5',21). The profiles (1,1',1'',1''',14,14',18,19,25) run in a plane-parallel manner with respect to one another in the transverse direction of the noise-protection wall and the grid-type mats (6,6',6'',15,15') are loosely suspended by means of the vertical ends into the rungs (5,5',21) between the stringers (2,3,20,20',26,26') of two neighbouring profiles (1,1',1'',1''',14,14',18,19,25) such that the ends of the horizontally running transverse bars (8,8',8'',8''' of the grid-type mats (6,6',6'',15,15') rest on the rungs (5,5',21) of the upright profiles (1,1',1'',1''',14,14',18,19,25) and support the grid-type mats (6,6',6'',15,15'). <IMAGE>

IPC 1-7

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IPC 8 full level

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Cited by

EP1283304A3; WO9424372A1

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