

## 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 A1 19930331 (DE)**

## Application

**EP 92116114 A 19920921**

## Priority

- DE 4219946 A 19920618
- DE 9111782 U 19910922

## Abstract (en)

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>

## Abstract (de)

Die Erfindung betrifft eine vegetative Lärmschutzwand aus einer Mehrzahl von Rahmenteilen (1,1',1",1"',14,14',18,19,25,27,27'), die in Abständen voneinander in Längsrichtung der Wand angeordnet sind und wenigstens eine der längs verlaufenden vertikalen Begrenzungsflächen der Lärmschutzwand aus einer Mehrzahl von gitterförmigen, Stahl- oder Eisengittermatten (6,6',6",15,15',29,29') besteht, die senkrecht zwischen den Rahmenteilen (1,1',1",1"',14,14',18,19,25,27,27') befestigt sind, wobei das durch die Rahmenteile (1,1',1",1"',14,14',18,19,25,27,27') und das von der Bespannung umschlossene Volumen der Lärmschutzwand mit erd-, stein- oder tonartigen Baustoffen o.d. verfüllt ist. Die Rahmenteile sind aus leiterartigen Profilen (1,1',1",1"',14,14',18,19,25) (Ständerprofilen) gebildet, die je aus wenigstens zwei Holmen (2,3,20,20',26,26') bestehen, die mittels quer bzw. waagrecht verlaufender Sprossen (5,5',21) verbunden sind. Die Profile (1,1',1",1"',14,14',18,19,25) verlaufen in Querrichtung der Lärmschutzwand planparallel zueinander und die Gittermatten (6,6',6",15,15') sind mit den vertikalen Enden zwischen den Holmen (2,3,20,20', 26, 26') zweier benachbarter Profile (1,1',1",1"',14,14',18,19,25) in die Sprossen (5,5',21) lose eingehängt, dergestalt, daß die Enden der waagrecht verlaufenden Querstäbe (8,8',8",8''') der Gittermatten (6,6',6",15,15') auf den Sprossen (5,5',21) der Ständerprofile (1,1',1",1"',14,14',18, 19,25) aufliegen und die Gittermatten (6,6',6",15,15') abstützen. <IMAGE>

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- [XP] EP 0480891 A1 19920415 - COMES SPA [IT]
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