Title (en)

Method of construction of a noise barrier wall built from sound absorbing elements.

Title (de)

Verfahren zur Herstellung einer Lärmschutzwand aus schallabsorbierenden Bauelementen.

Title (fr)

Méthode de construction d'un mur anti-bruit construit avec éléments anti-bruit.

Publication

EP 1508650 A2 20050223 (DE)

Application

EP 04019897 A 20040820

Priority

DE 10338213 A 20030820

Abstract (en)

The element (1) has a face shell (3) comprising expanded glass. The glass is sintered expanded glass or contains expanded glass granules. The element comprises a support panel (2) and a face shell covering at least one side of the panel. The shell comprises a sound absorbing material. An independent claim is also included for the a noise barrier production method in which expanded glass panels are laid parallel and next to each other in a shuttering, concrete is poured into the shuttering and allowed to set and preferably vertical supports (7) are introduced before removing the barrier from the shuttering.

Abstract (de)

Die Erfindung betrifft ein schallabsorbierendes Bauelement (1) mit einer Tragplatte (2) und mindestens einer, die Tragplatte (2) mindestens einseitig bedeckenden Vorsatzschale (3) aus schalldämmendem Material. Die Vorsatzschale (3) weist Blähglas auf. <IMAGE>

IPC 1-7

E04B 1/86; E01F 8/00

IPC 8 full level

E01F 8/00 (2006.01); E04B 1/74 (2006.01); E04B 1/84 (2006.01)

CPC (source: EP)

E01F 8/0029 (2013.01); **E01F 8/0082** (2013.01); E04B 2001/742 (2013.01); E04B 2001/8414 (2013.01); E04B 2001/8461 (2013.01); E04B 2001/848 (2013.01)

Citation (applicant)

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Cited by

CN107022961A; CN104532974A; FR2873389A1; DE102016124755B3; US11455978B2; DE102015109808A1; DE102015109807A1; WO2016203057A1; WO2018114522A1

Designated contracting state (EPC)

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