

Title (en)

Noise absorption element based on textile reinforced concrete

Title (de)

Schallabsorbierendes Element auf der Basis von textilbewehrtem Beton

Title (fr)

Élément absorbant le son à base de béton renforcé par des textiles

Publication

EP 1152087 A3 20031008 (DE)

Application

EP 01108446 A 20010404

Priority

- DE 10021443 A 20000503
- DE 10017586 A 20000408

Abstract (en)

[origin: EP1152087A2] The element comprises one or more noise-absorbing mats which are incorporated into a concrete shell without leaving any voids. The concrete shell contains a textile reinforcement and is provided with holes on the noise absorption side, via which sound can enter the mats, which are securely joined to the shell in order to prevent them from moving.

IPC 1-7

E01F 8/00

IPC 8 full level

E01F 8/00 (2006.01); **E04B 1/86** (2006.01); **E04B 1/61** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP)

E01F 8/0011 (2013.01); **E01F 8/007** (2013.01); **E04B 1/86** (2013.01); **E04B 1/6125** (2013.01); **E04B 2001/8485** (2013.01)

Citation (search report)

- [Y] FR 2036020 A5 19701224 - DURAND PIERRE
- [Y] GB 1588899 A 19810429 - MASO THERM CORP

Cited by

EP1580321A3; EP1580321A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1152087 A2 20011107; **EP 1152087 A3 20031008**; **EP 1152087 B1 20060719**; AT E333537 T1 20060815; DE 50110472 D1 20060831

DOCDB simple family (application)

EP 01108446 A 20010404; AT 01108446 T 20010404; DE 50110472 T 20010404