

Title (en)
RESILIENT CONSTRUCTION MEMBER AND RETROFIT SYSTEM USING SAME

Title (de)
ELASTISCHES BAUELEMENT UND ES BENÜTZENDES NACHRÜSTUNGSSYSTEM

Title (fr)
ELEMENT DE CONSTRUCTION SOUPLE ET SYSTEME D'INSTALLATION RETROACTIVE UTILISANT LEDIT ELEMENT

Publication
EP 1226321 A1 20020731 (EN)

Application
EP 00982063 A 20001027

Priority
• US 0029566 W 20001027
• US 43043299 A 19991029

Abstract (en)
[origin: WO0133007A1] A construction beam includes a pair of lateral members (608) and a resilient web (600) extending therebetween. The resilience of the web helps to attenuate sound transmission through the beam from one lateral member to the other. The resilient web according to the present invention is conveniently made from a unitary piece of material. The web is preferably (but not necessarily) provided with spacers (512) formed thereon, so that the lateral members can be easily oriented relative to the web and to each other, so as to be self-jigging. The spacers may conveniently be formed by cutting and bending tabs in the material of the web in desired locations.

IPC 1-7
E04C 3/29; **E04B 1/82**

IPC 8 full level
E04B 1/82 (2006.01); **E04B 1/84** (2006.01); **E04B 2/74** (2006.01); **E04B 9/06** (2006.01); **E04C 3/16** (2006.01); **E04C 3/18** (2006.01); **E04C 3/29** (2006.01); **E04C 3/292** (2006.01)

CPC (source: EP US)
E04B 1/82 (2013.01 - EP US); **E04B 1/84** (2013.01 - EP US); **E04B 2/7411** (2013.01 - EP US); **E04B 2/7412** (2013.01 - EP US); **E04B 2/7457** (2013.01 - EP US); **E04B 9/06** (2013.01 - EP US); **E04C 3/16** (2013.01 - EP US); **E04C 3/18** (2013.01 - EP US); **E04C 3/185** (2013.01 - EP US); **E04C 3/291** (2013.01 - EP US); **E04C 3/292** (2013.01 - EP US); **E04B 2001/8254** (2013.01 - EP US)

Citation (search report)
See references of WO 0133007A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0133007 A1 20010510; AU 1913701 A 20010514; AU 777854 B2 20041104; CA 2389158 A1 20010510; CA 2389158 C 20031230; EP 1226321 A1 20020731; US 2002157329 A1 20021031

DOCDB simple family (application)
US 0029566 W 20001027; AU 1913701 A 20001027; CA 2389158 A 20001027; EP 00982063 A 20001027; US 43043299 A 19991029