

Title (en)
VIBRATION DAMPING CONSTRUCTION SYSTEM

Title (de)
VIBRATIONISOLIERENDES BAUSYSTEM

Title (fr)
SYSTEME DE CONSTRUCTION POUR AMORTIR DES VIBRATIONS

Publication
EP 1548201 A2 20050629 (EN)

Application
EP 04029896 A 20041216

Priority
• ES 200302961 A 20031216
• ES 200303036 A 20031223

Abstract (en)
A safe construction system for fixed or removable panels and false ceilings or those of a similar type used in the building industry in general, characterised by the fact that the assembly of a fixed panel is carried out by means of an isolator (1) screwed to a wall and, between adjoining panels, by means of a floating isolator (28), formed by a silent block, with or without a spring (37), whilst in false ceilings and likewise, destined to act as a link with the ceiling or support framing, it is carried out by means of a damping bracket that consists of a block (45) of elastomer material, acting as a silent block, which establishes a barrier against the possible transmission of vibrations and from the point of view of thermal/acoustic insulation, said bracket being fixed to the ceiling by means of the aforementioned silent block, and at the bottom, to the panels that form the false ceiling.

IPC 1-7
E04B 9/18

IPC 8 full level
E04B 9/18 (2006.01)

CPC (source: EP)
E04B 9/18 (2013.01); **E04B 2009/186** (2013.01)

Cited by
EP2102423A4; ES2611004A1; CN112523416A; EP2003258A3; EP2145057A4; US7743572B2; WO2006050604A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1548201 A2 20050629; EP 1548201 A3 20050803; EP 1548201 B1 20080409; AT E391814 T1 20080415; DE 602004012953 D1 20080521; DE 602004012953 T2 20090528; ES 2303928 T3 20080901

DOCDB simple family (application)
EP 04029896 A 20041216; AT 04029896 T 20041216; DE 602004012953 T 20041216; ES 04029896 T 20041216