

Title (en)

Footfall sound damming supporting element

Title (de)

Trittschalldämmendes Auflagerelement

Title (fr)

Élément d'appui pour l'isolation acoustique des bruits de chocs

Publication

**EP 0697489 B1 19990407 (DE)**

Application

**EP 95107649 A 19950519**

Priority

DE 4429605 A 19940820

Abstract (en)

[origin: EP0697489A1] A socket sleeve (3) of steel or polymer concrete, plastics or other material is provided in the structural element (1) such as a step which is to be supported. A transverse force bolt (5) which interacts at one end with the socket (3) and protrudes at the other towards the other structural element (2) is held in the socket secured against rotation relative to its horizontal transverse axis by a lock (14,15) which can be removed after installation of the concrete step (1). The lock has two force transfer devices (14,15) spaced from each other in the axial direction of the pin and acting opposite each other in a vertical plane. At least one of the transfer devices can be a screw accessible from the outside face (16,11) of the step.

IPC 1-7

**E04F 11/00**; E04B 1/36

IPC 8 full level

**E04B 1/36** (2006.01); **E04B 1/82** (2006.01); **E04B 1/84** (2006.01); **E04F 11/00** (2006.01); **E04F 11/022** (2006.01)

CPC (source: EP)

**E04B 1/84** (2013.01); **E04F 11/022** (2013.01); **E04B 2001/8254** (2013.01)

Citation (examination)

- CH 415999 A 19660630 - STRAESSLE MARCEL [CH]
- CH 376623 A 19640415 - SCHMID PETER [CH]

Cited by

DE102012002168A1; EP2481867A1; EP1731691A1; EP0716192A3; EP0816587A3

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0697489 A1 19960221**; **EP 0697489 B1 19990407**; AT E178682 T1 19990415; DE 4429605 A1 19960222; DE 59505565 D1 19990512

DOCDB simple family (application)

**EP 95107649 A 19950519**; AT 95107649 T 19950519; DE 4429605 A 19940820; DE 59505565 T 19950519