

Title (en)

Element for the reduction of the seismic stress of buildings

Title (de)

Bauelement zur Reduktion der Erdbebenbeanspruchung von Gebäuden

Title (fr)

Élément pour la réduction de l'effort sismique des bâtiments

Publication

EP 1801322 A1 20070627 (DE)

Application

EP 05027833 A 20051220

Priority

EP 05027833 A 20051220

Abstract (en)

The building has a basement wall (8) and a basement ceiling (9) arranged over a cellar. Between the basement wall and the basement ceiling load-bearing construction unit (1) having lamellas (2) is arranged. Between the lamellas, bodies (3) are arranged. The bodies (3) are more flexible than the lamellas. The basement ceiling (9) is a reinforced concrete floor on which the walls of the building rest over the basement ceiling. The walls are arranged over the basement ceiling made from brick-work. An independent claim is included for use of the construction unit.

IPC 8 full level

E04H 9/02 (2006.01)

CPC (source: EP US)

E04H 9/022 (2013.01 - EP US)

Citation (search report)

- [XA] US 5054251 A 19911008 - KEMENY ZOLTAN A [US]
- [XA] DE 10301122 A1 20040729 - CALENBERG INGENIEURE PLANMAESI [DE]
- [XA] GB 891238 A 19620314 - GOMMA ANTIVIBRANTI APPLIC
- [XA] US 5330165 A 19940719 - VAN GOUBERGEN WILLY [BE]
- [X] US 2713485 A 19550719 - TILLOU RICHARD G

Cited by

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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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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