

Title (en)
Modular walling solution

Title (de)
Modulare Wandlösung

Title (fr)
Solution modulaire pour murs

Publication
EP 2594699 A3 20140416 (EN)

Application
EP 12192464 A 20121113

Priority
GB 201119663 A 20111115

Abstract (en)
[origin: GB2494721A] A wall system or structure comprises at least one wall panel 1 and at least one biasing device 4 which, in use, exerts a force on the panel towards an adjacent or bordering structure (such as a ceiling) 21. The wall panel may abut the adjacent structure. The wall system may further comprise a wall 23, with the wall panel arranged in front of the wall. The wall panel may extend the full height and width of the wall. The biasing device may be a spring which exerts a compressive force on the wall panel, and allows for both compressive and expansive movement thereof. The biasing device may be calibrated to absorb a pre-defined load on the wall panel, and may further be adjustable. The wall panel may be laminated, and may comprise layers which provide thermal insulation, acoustic insulation and/or fire retardation.

IPC 8 full level
E04B 1/76 (2006.01)

CPC (source: EP GB)
E04B 1/7675 (2013.01 - EP); **E04B 2/7409** (2013.01 - EP); **E04B 2/7448** (2013.01 - EP); **E04B 2/824** (2013.01 - GB); **E04B 2/828** (2013.01 - EP); **E04B 2002/7492** (2013.01 - EP); **E04F 13/0803** (2013.01 - EP)

Citation (search report)

- [XI] GB 1590305 A 19810528 - PANELFOLD INC
- [X] US 4188758 A 19800219 - SWANN CHARLES [US]
- [XI] JP H09111926 A 19970428 - COMANY KK
- [XI] US 4454690 A 19840619 - DIXON GUY E [US]
- [XI] US 4103463 A 19780801 - DIXON GUY E
- [XI] DE 2223217 A1 19731122 - GASTEIGER OTTO FERDINAND
- [A] US 4257204 A 19810324 - RIEGER MARTIN C

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
GB 201119663 D0 20111228; GB 2494721 A 20130320; GB 2494721 A8 20230726; GB 2494721 B 20140226; GB 2494721 B8 20230726;
EP 2594699 A2 20130522; EP 2594699 A3 20140416; EP 2594699 B1 20220420

DOCDB simple family (application)
GB 201119663 A 20111115; EP 12192464 A 20121113