

Title (en)
Room wall of a building

Title (de)
Raumwandung eines Gebäudes

Title (fr)
Mur d'une pièce d'une construction

Publication
EP 1452656 A3 20060104 (DE)

Application
EP 04002320 A 20040203

Priority
DE 10308503 A 20030226

Abstract (en)
[origin: EP1452656A2] A method for further sound proofing of double skin construction walls and floors has one of the layers (102) cut with a pattern of slits to prevent resonant vibration of the layer. The slits (124, 126, 128, 130) are best cut on the side facing the cavity (118) and can be up to 50 percent of the total thickness. The slits can be filled with an elastic damping material. Slits applied to the outside wall surface are covered by a cladding layer, or rendering. The slits can be cut before final hardening of the layer.

IPC 8 full level
E04B 1/86 (2006.01); **E04B 1/82** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP)
E04B 1/82 (2013.01); **E04B 2001/8461** (2013.01); **E04B 2001/849** (2013.01)

Citation (search report)

- [XD] DE 9116233 U1 19920617
- [XD] US 4071989 A 19780207 - WARREN MILLARD R
- [XD] FR 1379057 A 19641120
- [X] EP 0442004 A1 19910821 - HAZET WERK ZERVER HERMANN [DE]

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

DOCDB simple family (publication)
EP 1452656 A2 20040901; EP 1452656 A3 20060104; EP 1452656 B1 20080917; AT E408735 T1 20081015; DE 10308503 A1 20040923; DE 10308503 B4 20070125; DE 502004008062 D1 20081030

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