

Title (en)
Building structure with an elongated insulating body between two panels

Title (de)
Baustruktur mit einem länglichen Isolierkörper zwischen zwei Paneelen

Title (fr)
Structure de construction avec un corps d'isolation allongé entre deux panneaux

Publication
EP 2299023 A1 20110323 (EN)

Application
EP 10177100 A 20100916

Priority
NL 2003507 A 20090917

Abstract (en)
In order to improve the insulation of a building structure, it is proposed to place an elongate insulating body between adjoining façade panels. Such façade panels as such are generally provided with insulation, but when these are fitted together, thermal bridges occur at the junction. It is proposed to use an insulating body in said locations which is suitable for general use as much as possible and which consists of an elongate portion of insulating material which has a compact shape in the non-loaded state. From said compact shape, one or more wings of insulating material extend which can be placed between supporting beams and the like and the respective panel. Such wings allow great flexibility with regard to installation. The insulating material of the insulating body is enclosed by a sleeve which, on the one hand, partly consists of vapour-impermeable material and, on the other hand, partly consists of vapour-permeable material. The vapour-impermeable material is fitted as much as possible facing the inner side of the building structure.

IPC 8 full level
E04D 13/16 (2006.01)

CPC (source: EP)
E04D 13/1612 (2013.01)

Citation (applicant)
• WO 9939059 A1 19990805 - OWENS CORNING FIBERGLASS CORP [US], et al
• CH 687932 A5 19970327 - PAVAFIBRES S A FRIBOURG [CH]

Citation (search report)
• [Y] US 6141930 A 20001107 - ALLWEIN ROBERT JOHN [US], et al
• [Y] EP 0703325 A1 19960327 - OWENS CORNING FIBERGLASS CORP [US]
• [A] WO 9939059 A1 19990805 - OWENS CORNING FIBERGLASS CORP [US], et al
• [Y] CONSERVATION SERVICES GROUP: "Field Guide - Residential New Construction", 2005, Westborough, MA, pages 43 - 60, XP002615594, Retrieved from the Internet <URL:http://www.dos.state.ny.us/CODE/energycode/Forms_code/RmanFraming.pdf> [retrieved on 20110104]

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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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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