

Title (en)

Thermally insulated double wall and method for producing same

Title (de)

Wäremegedämmte Doppelwand und Verfahren zum Herstellen derselben

Title (fr)

Double-paroi à isolation thermique et son procédé de fabrication

Publication

**EP 2199483 A3 20110622 (DE)**

Application

**EP 09015479 A 20091215**

Priority

DE 102008062099 A 20081216

Abstract (en)

[origin: EP2199483A2] The wall (1) has wall elements such as carrying tray (2) and a non bearing veneer wall (3) spaced apart from each other by a spacer device e.g. steel wall grid carrier (5) such that the elements are arranged parallel to each other. An interspace with lightweight aerated mortar (4) e.g. Poriment-P(RTM: free-flowing, lightweight aerated cementitious mortar) is filled with thermal insulated properties, where the interspace is clamped between the carrying tray and the veneer wall by the spacer device. The spacer device is formed by plastic and glass fiber particles. An independent claim is also included for a method for manufacturing a thermally insulated double wall.

IPC 8 full level

**E04B 2/86** (2006.01); **E04B 1/76** (2006.01)

CPC (source: EP)

**E04B 1/7616** (2013.01); **E04B 2/86** (2013.01)

Citation (search report)

- [Y] DE 20023399 U1 20040304 - SCHWAN CHRISTOPH [DE]
- [Y] DE 202004019390 U1 20050224 - E & E FERTIGTEILE GMBH & CO KG [DE]
- [Y] DE 10324819 A1 20041014 - BETON FERTIGTEIL UNION GMBH & [DE]
- [Y] EP 0952266 A2 19991027 - ECOTHERM BEHEER B V [NL]
- [Y] WO 03089726 A2 20031030 - COLLINS P MICHAEL [US], et al
- [Y] DE 202007000698 U1 20070705 - GAUSS KONSTANTIN [DE], et al
- [A] DE 1977552 U 19680125 - DAVIDSON COLIN HENRY [GB]
- [A] DE 2351469 A1 19750417 - DYCKERHOFF & WIDMANN AG

Cited by

CN104358333A; DE102016120947A1

Designated contracting state (EPC)

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)

AL BA RS

DOCDB simple family (publication)

**EP 2199483 A2 20100623; EP 2199483 A3 20110622**

DOCDB simple family (application)

**EP 09015479 A 20091215**