

Title (en)

Thermal insulation body, set of multiple thermal insulation bodies, domestic oven with thermal insulation and method for applying thermal insulation

Title (de)

Wärmeisolationkörper, Satz aus mehreren Wärmeisolationkörpern, Haushaltsöfen mit einer Wärmeisolation und Verfahren zum Anbringen einer Wärmeisolation

Title (fr)

Corps d'isolation thermique, ensemble constitué de plusieurs corps d'isolation thermique, four ménager doté d'une isolation thermique et procédé d'application d'une isolation thermique

Publication

EP 2275746 A3 20120912 (DE)

Application

EP 10168391 A 20100705

Priority

DE 102009027695 A 20090714

Abstract (en)

[origin: EP2275746A2] The thermal insulation bodies (5, 6) have respective thermal insulation-outer layers (9, 10) that are stiffer than thermal insulation-inner layers (7, 8). The inner layers are made of thermal insulation materials with elastic characteristics. The inner layers are fixed with the outer layers by a mechanical connection element. Supporting cores of the outer layers are made of pyrogenic silica. The thermal insulation-outer layers are formed with vermiculite-body. An independent claim is also included for a method for attaching heat insulation on an oven muffle of a domestic oven.

IPC 8 full level

F24C 15/34 (2006.01)

CPC (source: EP)

F24C 15/34 (2013.01)

Citation (search report)

- [XA] FR 946923 A 19490617
- [XDA] EP 0110143 A1 19840613 - EUROP EQUIP MENAGER [FR]
- [X] US 6109712 A 20000829 - HAWORTH GEORGE JEFFREY [US], et al
- [A] EP 0709624 A1 19960501 - AEG HAUSGERAETE GMBH [DE]

Cited by

EP3523580A4; ES2736047A1; US11287142B2

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

DOCDB simple family (publication)

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