

Title (en)
Domestic oven with thermal insulation

Title (de)
Haushaltsofen mit einer Wärmeisolierung

Title (fr)
Four ménager doté d'une isolation thermique

Publication
EP 2275746 B1 20170201 (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 (examination)
DE 20303963 U1 20030724 - MATRIX IND CO [TW]

Cited by
EP3523580A4; ES2736047A1; US11287142B2

Designated contracting state (EPC)
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