

Title (en)
Cooking chamber with thermal insulation

Title (de)
Backofenmuffel mit thermischer Isolierung

Title (fr)
Enceinte de cuisson avec isolation thermique

Publication
EP 0987497 A1 20000322 (DE)

Application
EP 99118118 A 19990910

Priority
DE 19842247 A 19980915

Abstract (en)
The oven (2) is square or rectangular in shape and has heater elements (8) under the roof and in cutouts (4) under the floor. The inner part of the wall may be made of one piece of metal sheet, and the outer wall (16) may be made of separate pieces of sheet for the roof (16a), the rear wall (16b) and the floor (16c). There may be separate sheets for the side walls. The inner walls are flat, with rounded corners. The outer walls may be slightly concave as seen from the outside, with outward-extending flanges joined together at their edges. The space between the inner and outer walls is filled with granular material (24).

Abstract (de)
Eine Backofenmuffel (2) weist eine doppelte Isolierwandung (14, 16) auf. Die innere und/oder äußere Isolierwandung (16) ist jeweils zur anderen hin vorgespannt und übt so einen ständigen Druck auf die zwischen den Isolierwandungen eingeschlossene Isolieschicht (24) auf, die aus Partikelmateriale besteht. <IMAGE>

IPC 1-7
F24C 15/34

IPC 8 full level
F24C 15/34 (2006.01)

CPC (source: EP US)
F24C 15/34 (2013.01 - EP US)

Citation (search report)
• [DX] DE 19520040 A1 19961205 - BOSCH SIEMENS HAUSGERAETE [DE]
• [X] DE 19520020 A1 19961205 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] EP 0744580 A1 19961127 - AEG HAUSGERAETE GMBH [DE]

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