

Title (en)
Oven device

Title (de)
Ofenvorrichtung

Title (fr)
Dispositif de four

Publication
EP 1793175 A1 20070606 (FR)

Application
EP 06291768 A 20061115

Priority
FR 0511622 A 20051116

Abstract (en)
The device has a cavity (2) defining an interior space and comprising a set of thermal insulation panels (3-7). Electric resistors forming a heating unit are placed in the cavity. An insulation panel has an outer plate and an inner plate that are made of stainless steel with a thickness in the order of 0.5 mm. The plates are fixed to each other at their ends. A synthetic material e.g. polyurethane based foam, is disposed between the plates to provide mechanical connection between the plates. A control unit (18) is connected to temperature and humidity sensors (20, 21) provided in the cavity.

Abstract (fr)
Dispositif de four 1 comprenant une enceinte 2 définissant un espace intérieur, un moyen de chauffage de l'espace intérieur et un moyen de commande du moyen de chauffage, l'enceinte 2 comprenant une pluralité de panneaux isolants 3 comprenant une tôle extérieure 23, une tôle intérieure 24 et un matériau synthétique disposé entre les tôles, assurant la liaison mécanique entre les tôles 23, 24 et conférant audit panneau 3 la rigidité souhaitée.

IPC 8 full level
F24C 15/34 (2006.01)

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

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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EP 06291768 A 20061115; FR 0511622 A 20051116