

Title (en)  
Microwave oven

Title (de)  
Mikrowellenofen

Title (fr)  
Four à micro-ondes

Publication  
**EP 1835787 A3 20081015 (DE)**

Application  
**EP 07005447 A 20070316**

Priority  
DE 102006012041 A 20060316

Abstract (en)  
[origin: EP1835787A2] The microwave oven has a cooking chamber (10), and coupling units (12, 14, 16, 18, 20, 22) for coupling microwaves in the cooking chamber. A set of sections (26, 28) accommodating a cooking goods carrier (24) are provided in the cooking chamber, where one of the coupling units is arranged between two adjacent sections. The coupling units include a blade antenna and coaxial cable. The coupling units are incorporated in carrier plates, which are formed from ceramics. An independent claim is also included for a cooking goods carrier inserted into two adjacent sections.

IPC 8 full level  
**H05B 6/80** (2006.01); **F24C 15/16** (2006.01); **H05B 6/70** (2006.01); **H05B 6/72** (2006.01)

CPC (source: EP)  
**H05B 6/6408** (2013.01); **H05B 6/6426** (2013.01); **H05B 6/702** (2013.01); **H05B 6/72** (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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1835787 A2 20070919; EP 1835787 A3 20081015**; DE 102006012041 A1 20070920

DOCDB simple family (application)  
**EP 07005447 A 20070316**; DE 102006012041 A 20060316