

Title (en)

Microwave oven with safety interlock

Title (de)

Mikrowellenofen mit Sicherheitsverriegelung

Title (fr)

Four à micro-ondes à système de verrouillage de sécurité

Publication

EP 1056313 A3 20020206 (EN)

Application

EP 99308610 A 19991029

Priority

KR 19990019132 A 19990527

Abstract (en)

[origin: EP1056313A2] The microswitches (131, 132, 133) of the safety interlock assembly of a microwave oven are mounted on a PCB (130) and connected to a main circuit board (104) by ribbon cables (136a, 136b) between the circuit boards. <IMAGE>

IPC 1-7

H05B 6/76; **H05B 6/64**

IPC 8 full level

F24C 7/02 (2006.01); **F24C 15/02** (2006.01); **H05B 6/64** (2006.01); **H05B 6/66** (2006.01); **H05B 6/68** (2006.01); **H05B 6/76** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP KR)

F24C 15/02 (2013.01 - KR); **H05B 6/6414** (2013.01 - EP); **H05B 6/6417** (2013.01 - EP)

Citation (search report)

- [X] US 5616270 A 19970401 - PARK BYENG-JUN [KR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 013, no. 356 (E - 803) 9 August 1989 (1989-08-09) & JP H01117292 A 19890510 - MATSUSHITA ELECTRIC IND CO LTD

Cited by

CN100465518C; EP1453361A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1056313 A2 20001129; **EP 1056313 A3 20020206**; AU 5827899 A 20001130; CA 2288945 A1 20001127; JP 2000337640 A 20001208; KR 20000074891 A 20001215

DOCDB simple family (application)

EP 99308610 A 19991029; AU 5827899 A 19991104; CA 2288945 A 19991104; JP 35664199 A 19991215; KR 19990019132 A 19990527