

Title (en)  
Microwave oven and method of controlling the same

Title (de)  
Mikrowelle und Steuerungsverfahren dafür

Title (fr)  
Four à micro-ondes et son procédé de commande

Publication  
**EP 2109342 A1 20091014 (EN)**

Application  
**EP 08167072 A 20081021**

Priority  
KR 20080032675 A 20080408

Abstract (en)  
A microwave oven and a method of controlling the same are disclosed. The microwave oven includes a mechanical timer serving to set desired cooking time and to supply power, and a control unit to automatically perform electrical control for cooking operation by receiving power by operation of the mechanical timer. The microwave oven has a relatively low price through proper application of electrical control to the mechanical timer, and can be precisely controlled. The microwave oven also can solve a problem of inrush current at a power-on point through electrical control without an additional device for preventing inrush current.

IPC 8 full level  
**H05B 1/02** (2006.01); **H05B 6/66** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)  
**H05B 1/0263** (2013.01); **H05B 6/666** (2013.01); **H05B 6/687** (2013.01)

Citation (applicant)  
KR 20080032675 A 20080416 - SNU PRECISION CO LTD [KR]

Citation (search report)  
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Designated contracting state (EPC)  
DE FR GB

Designated extension state (EPC)  
AL BA MK RS

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