

Title (en)  
Heater for cooking apparatus or the like

Title (de)  
Heizvorrichtung für ein Gargerät oder dergleichen

Title (fr)  
Élément chauffant pour appareil de cuisson ou similaire

Publication  
**EP 1519630 B1 20091216 (DE)**

Application  
**EP 04015705 A 20040703**

Priority  
DE 10344860 A 20030926

Abstract (en)  
[origin: EP1519630A1] Cooking apparatus heating device having:at least one electric heating plate (10, 12, 14), electric conductors (16) for supplying the plates, coupled to at least one of the plates, a dielectric layer in contact on one side with conductors (16), while the other side makes direct contact with the plates. Independent claims are included for: (1) a cooking apparatus with at least one heating plate; (2) a process for preparation of the cooking apparatus by mixing a sol/gel solution with up to 90 wt.% of a solution of electrically conductive powder to give a stable dispersion, where the powder is selected from:ceramics, metals, or semiconductors, coating of the dispersion onto a substrate, and stoving of the substrate.

IPC 8 full level  
**H05B 3/68** (2006.01); **C23C 18/12** (2006.01); **C23C 30/00** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP)  
**C23C 18/1216** (2013.01); **C23C 18/1254** (2013.01); **C23C 30/00** (2013.01); **H05B 3/68** (2013.01); **H05B 3/748** (2013.01)

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