

Title (en)  
HEATING ELEMENT FOR COOKING APPLIANCES

Title (de)  
HEIZELEMENT FÜR GÄRGERÄTE

Title (fr)  
ELEMENT CHAUFFANT POUR DES APPAREILS DE CUISSON

Publication  
**EP 1671520 A2 20060621 (DE)**

Application  
**EP 04765301 A 20040916**

Priority  
• EP 2004010402 W 20040916  
• FR 0310882 A 20030916

Abstract (en)  
[origin: FR2859867A1] The unit has a support plate (2) and a heating unit layer (8) supported on the support plate. A plate unit (12) with a spring is coupled to an electrical conductor unit (24) that is placed in contact with heat resistance of the heating unit layer by elastic force exerted by the plate unit. A press plate presses the plate unit, a buffer layer and/or a graphite layer against the support plate using the plate unit. An independent claim is also included for a cooking apparatus including a heating unit.

IPC 1-7  
**H05B 3/74**

IPC 8 full level  
**H01R 13/24** (2006.01); **H05B 3/08** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)  
**H01R 13/2471** (2013.01 - EP US); **H05B 3/08** (2013.01 - EP US); **H05B 3/74** (2013.01 - EP US); **H05B 2203/016** (2013.01 - EP US)

Cited by  
EP2190259A1; EP2189724A1; FR2938416A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**FR 2859867 A1 20050318; FR 2859867 B1 20060414**; DE 10347222 A1 20050421; DE 10347222 B4 20050922;  
DE 502004003079 D1 20070412; EP 1671520 A2 20060621; EP 1671520 B1 20070228; JP 2007506234 A 20070315;  
US 2007084457 A1 20070419; WO 2005032214 A2 20050407; WO 2005032214 A3 20050526; WO 2005032214 B1 20050623

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