

Title (en)  
Ceramic heater

Title (de)  
Keramisches Heizelement

Title (fr)  
Élément chauffant en céramique

Publication  
**EP 1089593 A3 20020828 (EN)**

Application  
**EP 00308583 A 20000929**

Priority  
JP 28111599 A 19991001

Abstract (en)  
[origin: EP1089593A2] A ceramic heater comprising a ceramic substrate having a heating face, and a resistance heat generator buried in the ceramic substrate, wherein the resistance heat generator comprises plural planar resistance heating elements arranged in a layered fashion as viewed in a thickness direction of the ceramic substrate, and each of said plural planar heating elements comprises a heat generation density-increased portion, and the heat generation density-increased portions of the respective plural planar heating elements are located in different portions, respectively. <IMAGE>

IPC 1-7  
**H05B 3/14**; **H05B 3/28**; **H01L 21/00**; **H01L 21/68**

IPC 8 full level  
**H05B 3/18** (2006.01); **H05B 3/02** (2006.01); **H05B 3/10** (2006.01); **H05B 3/14** (2006.01); **H05B 3/28** (2006.01)

CPC (source: EP KR US)  
**H05B 3/10** (2013.01 - KR); **H05B 3/143** (2013.01 - EP US); **H05B 3/283** (2013.01 - EP)

Citation (search report)  
• [DA] US 5331134 A 19940719 - KIMURA NOBORU [JP]  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28) & JP H08274147 A 19961018 - KYOCERA CORP  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01 31 January 1997 (1997-01-31) & JP H08236599 A 19960913 - KYOCERA CORP

Cited by  
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Designated contracting state (EPC)  
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