

Title (en)  
Heating element

Title (de)  
Heizelement

Title (fr)  
Élément chauffant

Publication  
**EP 1643806 A1 20060405 (DE)**

Application  
**EP 04023223 A 20040929**

Priority  
EP 04023223 A 20040929

Abstract (en)  
The heating element for a warm air device consisting of a support component (2), a contact pin carrier (3), and a protective disc (4) which are orientated in relation to each other via at least one one-piece anti-twist element (8) passing through the support component over its whole length. A locking pin (9) of the anti-twist element is inserted loosely in a channel (17) in the heating element and is enclosed in the heating element by the contact pin carrier and/or the protective disc.

IPC 8 full level  
**H05B 3/44** (2006.01); **F04B 39/06** (2006.01); **F24H 3/04** (2006.01)

CPC (source: EP)  
**H05B 3/44** (2013.01)

Citation (search report)  
• [Y] US 2002108944 A1 20020815 - WYSS MARKUS [CH], et al  
• [Y] US 5134684 A 19920728 - MISHOU JOAN L [US], et al

Cited by  
CN104302023A; CN104302024A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1643806 A1 20060405; EP 1643806 B1 20061108**; AT E345026 T1 20061115; DE 502004001962 D1 20061221; HK 1088492 A1 20061103

DOCDB simple family (application)  
**EP 04023223 A 20040929**; AT 04023223 T 20040929; DE 502004001962 T 20040929; HK 06108554 A 20060801