

Title (en)  
Heating element

Title (de)  
Heizelement

Title (fr)  
Élément chauffant

Publication  
**EP 1278400 A2 20030122 (FR)**

Application  
**EP 02291837 A 20020719**

Priority  
FR 0109723 A 20010720

Abstract (en)  
The electrical heater (1) has a tubular thermally conducting envelope (2) which contains a resistive heating element (3) supplied by electrical conductors (5,6) and insulated by powdered magnesium oxide (4). Heating and switching compartments (2a,2b) are separated by a thermally insulating wall (7) and the switch is provided with a conducting shoe (11) and a layer (15) thermally conducting but electrically insulating

Abstract (fr)  
Élément chauffant comprenant au moins une enveloppe tubulaire (2) thermiquement conductrice, recevant au moins un élément résistif (3) relié à un circuit de puissance comportant un commutateur de puissance (8), le commutateur de puissance étant fixé dans l'enveloppe par l'intermédiaire de moyens d'échange thermique (11) entre le commutateur de puissance et l'enveloppe. <IMAGE>

IPC 1-7  
**H05B 3/44**

IPC 8 full level  
**H05B 1/02** (2006.01); **H05B 3/44** (2006.01); **H05B 3/48** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP)  
**H05B 1/0283** (2013.01); **H05B 3/44** (2013.01); **H05B 3/48** (2013.01); **H05B 3/82** (2013.01)

Cited by  
EP1655546A1; FR3019630A1; CN102239368A; FR3007828A1; EP1599080A3; EP4271128A1; IT202200008582A1; ITVI20120103A1; EP2661151A1; WO2010069355A1

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