

Title (en)  
SURFACE HEATING ELEMENT, ESPECIALLY FOR BANDAGES OR ELECTRIC BLANKETS

Publication  
**EP 0109019 A3 19850515 (DE)**

Application  
**EP 83111074 A 19831107**

Priority  
AT 409482 A 19821111

Abstract (en)  
[origin: US4518851A] A planar heating element having a positive temperature coefficient has a plurality of spaced electric current supply lines constituted by contact bands and a planar support, the electric current supply lines being operatively connected to the planar support, the contact bands and the support including an electrically conductive synthetic resin whose electrical resistance has a positive temperature coefficient.

IPC 1-7  
**H05B 3/34**

IPC 8 full level  
**H05B 3/20** (2006.01); **H05B 3/34** (2006.01)

CPC (source: EP US)  
**H05B 3/34** (2013.01 - EP US); **H05B 2203/007** (2013.01 - EP US); **H05B 2203/011** (2013.01 - EP US); **H05B 2203/013** (2013.01 - EP US); **H05B 2203/014** (2013.01 - EP US); **H05B 2203/016** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US); **H05B 2203/02** (2013.01 - EP US); **H05B 2203/032** (2013.01 - EP US); **H05B 2203/033** (2013.01 - EP US)

Citation (search report)  

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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0109019 A2 19840523; EP 0109019 A3 19850515**; AT 383931 B 19870910; AT A409482 A 19870115; JP S5999690 A 19840608; US 4518851 A 19850521; US 4645913 A 19870224

DOCDB simple family (application)  
**EP 83111074 A 19831107**; AT 409482 A 19821111; JP 21110883 A 19831111; US 54961383 A 19831107; US 71535285 A 19850325