

Title (en)  
Heater for a vehicle

Title (de)  
Heizer für ein Fahrzeug

Title (fr)  
Chauffage pour véhicule

Publication  
**EP 2346302 A1 20110720 (EN)**

Application  
**EP 10290020 A 20100114**

Priority  
EP 10290020 A 20100114

Abstract (en)  
A heater for a vehicle comprises at least one PTC heating element (104) comprising an electrical contact section and at least one output of a power switch of a heater controller circuit (102). The at least one output of the power switch is hard fastened to the electrical contact section of the at least one PTC heating element by a fastening process based on heat or pressure.

IPC 8 full level  
**H05B 3/06** (2006.01); **H05B 3/50** (2006.01)

CPC (source: EP)  
**H05B 3/50** (2013.01); **H05B 2203/016** (2013.01); **H05B 2203/017** (2013.01); **H05B 2203/02** (2013.01); **H05B 2203/023** (2013.01)

Citation (search report)  
• [X] EP 2056036 A1 20090506 - VALEO SYSTEMES THERMIQUES [FR]  
• [X] EP 1338451 A2 20030827 - BERU AG [DE]  
• [X] EP 1986482 A1 20081029 - VALEO SYSTEMES THERMIQUES [FR]  
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• [X] EP 1657963 A1 20060517 - DBK DAVID & BAADER GMBH [DE]

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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