Title (en)

Window heating device for vehicles

Title (de)

Scheibenheizung für Kraftfahrzeuge

Title (fr)

Dispositif de chauffage des vitres d'un véhicule

Publication

EP 0991301 A1 20000405 (DE)

Application

EP 99116820 A 19990901

Priority

DE 19845009 A 19980930

Abstract (en)

The windscreen heating device has a control device (3) for regulating the electrical power supplied to the electric heating element (1) for the rear and/or front windscreen, in dependence on detected automobile parameters, e.g. the vehicle velocity, the slipstream, the internal and/or external temperature and the external humidity level. The detected parameters may be used to address a memory holding a characteristic profile for the specific automobile, used by the control device for regulating the power for the windscreen heating element.

Abstract (de)

Es wird eine Scheibenheizung für Kraftfahrzeuge vorgeschlagen, bei der die Leistungsaufnahme der elektrischen Heizelemente (1) einer Heck- und/oder Frontscheibe in Abhängigkeit von der jeweiligen Betriebssituation und/oder den Umgebungseinflüssen gesteuert wird. Dabei wird insbesondere eine Steuerung in Abhängigkeit von der Fahrgeschwindigkeit (v) des Kraftfahrzeugs vorgenommen. <IMAGE>

IPC 1-7 (main, further and additional classification)

H05B 3/84

IPC 8 full level (invention and additional information)

H05B 3/84 (2006.01)

CPC (invention and additional information)

H05B 3/84 (2013.01); **H05B 1/0236** (2013.01); H05B 2203/035 (2013.01)

Citation (search report)

- [X] US 4357524 A 19821102 - APFELBECK OTTO L, et al
- [X] US 5325912 A 19940705 - HOTTA YOSHIHIKO [JP], et al
- [X] US 4520258 A 19850528 - GROHMANN KURT [DE]
- [X] US 5624591 A 19970429 - DI TRAPANI AGOSTINO [BE]
- [X] US 4277672 A 19810707 - JONES DWIGHT V
- [X] US 5496989 A 19960305 - BRADFORD MICHAEL P [US], et al
- [X] US 5632917 A 19970527 - CUMMINS JAMES M [US], et al

Cited by

EP2014604A1; US8084716B2; WO03007662A1; WO2016027184A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family

EP 0991301 A1 20000405; EP 0991301 B1 20061213; AT 348495 T 20070115; DE 19845009 A1 20000406; DE 59914053 D1 20070125