

Title (en)

Electrical connector for heated air window

Title (de)

Elektrisches Verbindungselement für beheizbare Glasscheibe für Kraftfahrzeug

Title (fr)

Élément de connexion électrique pour vitrage chauffant pour automobile

Publication

**EP 0711097 A3 19961227 (FR)**

Application

**EP 95402447 A 19951103**

Priority

DE 4439645 A 19941107

Abstract (en)

[origin: EP0711097A2] The current terminal has a conductor layer soldered to the surface of the windscreen via a solder foot and a wire filament flexible ribbon conductor section (1), fitted with a connector at one end. The connector has an insulating sleeve (13) and a contact pin (12), coupled to the ribbon conductor section via a coupling part (15) and a reduction piece (9), welded or soldered to the ribbon conductor section. The front end of the reduction section is formed as a narrow tongue (10) for connection to the coupling part, the latter pref. provided by a crimp connector and enclosed together with the reduction piece in an insulating shrink-fit sleeve (18).

IPC 1-7

**H05B 3/06**; **H05B 3/84**

IPC 8 full level

**H01R 4/02** (2006.01); **H05B 3/06** (2006.01); **H05B 3/84** (2006.01); **H01R 43/02** (2006.01)

CPC (source: EP)

**H01R 4/023** (2013.01); **H05B 3/84** (2013.01); **H01R 43/0207** (2013.01); **H05B 2203/016** (2013.01)

Citation (search report)

- [A] US 3496520 A 19700217 - REYNOLDS CHARLES EDWARD
- [A] US 4100398 A 19780711 - LEVIN BERTON P
- [A] US 5260549 A 19931109 - GARRITANO MARIO [US]
- [A] EP 0374648 A2 19900627 - FLACHGLAS AG [DE]

Cited by

CN100416944C; KR20170134616A; KR20170094392A; AU760680B2; US2021001432A1; US12091729B2; WO2004052055A1; WO2006010551A3; WO0199472A1; JP2008507408A

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**DE 4439645 C1 19960411**; DE 69514199 D1 20000203; DE 69514199 T2 20000621; EP 0711097 A2 19960508; EP 0711097 A3 19961227; EP 0711097 B1 19991229; ES 2143606 T3 20000516

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