

Title (en)  
HEATED ELECTRICAL WINDOW

Publication  
**EP 0070771 B1 19861022 (FR)**

Application  
**EP 82401326 A 19820715**

Priority  
FR 8113806 A 19810715

Abstract (en)  
[origin: ES8305175A1] An electrically heated glass pane includes a plurality of heating conductors (2) comprising a family of parallel conductors extending between a pair of power supply conductors (3) both disposed on and burnt-in a surface of a glass pane (1). A strip (4), of non-conductive material, covers conductors (3) and extends laterally from the edges of the conductors. The conductors (2) merge into the conductors (3) at a transitional region (7) broadened by an increasing flare so that the cross section of the region, determining the electrical resistance, is greater than the cross section of the conductors (2) providing resistive heating. A layer (12) which covers the same area as the strip (4) may be disposed below each conductor (3), directly on the surface of the glass pane (1). An opening (16) is recessed in layer (12), so that the conductors (3) are connected directly with the surface of glass pane (1). A connecting element (14) for connecting the conductors (3) to a source of power is soldered to the conductors (3) above the opening (16).

IPC 1-7  
**H05B 3/26**

IPC 8 full level  
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CPC (source: EP US)  
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Citation (examination)  
DE 1690298 A1 19710513 - TRIPLEX SAFETY GLASS CO

Cited by  
EP0145604A3; DE4111625A1; EP0217703A1; FR2638934A1; BE1004164A3; FR2574780A1

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