

Title (en)  
ELECTRICAL TERMINAL WITH METAL CONDUCTIVE LAYER COMPRISING SILVER

Title (de)  
ELEKTRISCHER ANSCHLUSS MIT SILBERHALTIGER LEITENDER METALLSCHICHT

Title (fr)  
BORNE ÉLECTRIQUE À COUCHE CONDUCTRICE MÉTALLIQUE COMPRENANT DE L'ARGENT

Publication  
**EP 4386113 A1 20240619 (EN)**

Application  
**EP 22213244 A 20221213**

Priority  
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Abstract (en)  
An electrical terminal 2, 4 comprising a substrate 6 and a metallic conductive layer 8 provided on the substrate 12. The electrical terminal may be a male or female electrical terminal. The metallic conductive layer 8 has either: a silver layer 14 and an intermetallic phase 10 of silver 14 and any one or a combination of the group comprising: indium 16, gallium or tin, or; a silver layer and a bismuth layer. The intermetallic phase 10 or bismuth layer protects the silver from environmental degradation. A method of manufacturing the male or female electrical terminals 2, 4 is also disclosed.

IPC 8 full level  
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Citation (search report)

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