

Title (en)  
Low-voltage current line

Title (de)  
Niedervolt-Stromleitung

Title (fr)  
Ligne de courant basse tension

Publication  
**EP 0675575 B1 20000405 (DE)**

Application  
**EP 95101146 A 19950127**

Priority  
DE 9404914 U 19940323

Abstract (en)  
[origin: EP0675575A1] The LV current conductor (1) has an insulator (2), with a rectangular cross-section, provided with metal mesh bands (3,...6) on each of its major surfaces, providing the current paths for respective phases. The insulator is provided by a profiled rail, with profile chambers (7,...10) on both sides for receiving the respective metal mesh bands, defined by profile flanges. Pref. the insulator has a symmetrical profile cross-section, e.g. a double T profile, with a ratio of 5:30 between the greatest profile width and the profile height. <IMAGE>

IPC 1-7  
**H01R 25/14; F21V 21/34**

IPC 8 full level  
**F21V 21/34** (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP)  
**H01R 25/147** (2013.01); **H01R 2201/08** (2013.01)

Cited by  
EP1376780A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL

DOCDB simple family (publication)  
**EP 0675575 A1 19951004; EP 0675575 B1 20000405**; AT E191587 T1 20000415; DE 59508111 D1 20000511; DE 9404914 U1 19940804; DK 0675575 T3 20000828; ES 2144062 T3 20000601

DOCDB simple family (application)  
**EP 95101146 A 19950127**; AT 95101146 T 19950127; DE 59508111 T 19950127; DE 9404914 U 19940323; DK 95101146 T 19950127; ES 95101146 T 19950127