

Title (en)  
PROTECTED CONNECTOR FOR A DISTRIBUTION STRIP OF A TELECOMMUNICATIONS SYSTEM

Publication  
**EP 0405335 A3 19910612 (DE)**

Application  
**EP 90111792 A 19900621**

Priority  
DE 3921209 A 19890628

Abstract (en)  
[origin: EP0405335A2] A protected connector (1) for a distribution strip is provided with retaining chambers (5), open towards its fitment side, for cylindrical over-voltage suppressors (6) which are arranged in a row at right angles in the longitudinal direction of the protected connector. The over-voltage suppressors are provided with axially applied connecting pins (7) at the end which are bent in the form of an arc in the radial direction and can be inserted in this direction into spring contacts (9) of the protected connector (1). Outer walls (14) of the retaining chambers (5) have grooves (15) extending in the insertion direction into which the connecting pins (7) project with their arc-shaped section. On insertion of the over-voltage suppressors (6), their connecting pins are aligned precisely to the spring contacts (9). <IMAGE>

IPC 1-7  
**H01R 13/68**

IPC 8 full level  
**H01R 9/22** (2006.01); **H01R 13/68** (2006.01); **H01T 4/06** (2006.01)

CPC (source: EP)  
**H01R 13/68** (2013.01)

Citation (search report)  
• [A] DE 3644349 C1 19880225 - KRONE AG  
• [A] EP 0140219 A2 19850508 - WIELAND ELEKTRISCHE INDUSTRIE [DE]  
• [A] DE 3639533 A1 19880601 - BETTERMANN OBO OHG [DE]

Cited by  
US7268299B2; US8071879B2

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

DOCDB simple family (publication)  
**EP 0405335 A2 19910102; EP 0405335 A3 19910612; EP 0405335 B1 19931215**; AT E98819 T1 19940115; DE 59003849 D1 19940127; ES 2047205 T3 19940216

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