

Title (en)  
INSULATION PIERCING CONNECTING DEVICE

Title (de)  
SCHNEIDKLEMME

Title (fr)  
DISPOSITIF PERCE-ISOLANT

Publication  
**EP 1086512 B1 20021204 (DE)**

Application  
**EP 99936369 A 19990531**

Priority  
• DE 9901601 W 19990531  
• DE 19825566 A 19980608

Abstract (en)  
[origin: WO9965113A1] In order to obtain reliable contact of a non-striped electrical conductor (2) in a V-shaped contact area (6) throughout a large cross-sectional area, e.g. 0.5 to 2.5 mm<2>, using the cutting edges (10, 11) of two clamp arms facing each other in a screwless insulation piercing connecting device, the cutting flanks (11, 12) of the cutting edges (10, 11) have an undulated shape. The width (b, b', b'') of the contact surfaces formed by the cutting edges (10, 11) alternately increase and decrease in the direction of tape ring (14) of the contact area (6).

IPC 1-7  
**H01R 4/24**; **H01R 43/01**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 43/01** (2006.01)

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DE FR IT

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