

Title (en)  
INSULATION PIERCING CONNECTING DEVICE

Title (de)  
SCHNEIDKLEMMEINRICHTUNG

Title (fr)  
SYSTEME DE BORNE GUILLOTINE

Publication  
**EP 1273072 B1 20060215 (DE)**

Application  
**EP 01960150 A 20010803**

Priority  
• DE 0102975 W 20010803  
• DE 10039963 A 20000816

Abstract (en)  
[origin: WO0215338A1] An insulation piercing connector (2) is held inside a base body (1), and a closing element (3) is guided inside said base body. The closing element can be transferred into a closed position at least from one open position, in which a conductor (4) can be inserted into the closing element (3). By transferring the closing element (3) into the closed position, the conductor (4) can be inserted into the insulation piercing connector (2) and can be held and clamped therein. An over spring (7) is arranged on the closing element (3). Said over spring surrounds the insulation piercing connector (2) and contacts the same via contact pieces (8) whereby exerting a pressure force (F) onto the insulation piercing connector (2).

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 9/26** (2006.01); **H01R 43/01** (2006.01)

CPC (source: EP US)  
**H01R 4/2433** (2013.01 - EP US); **H01R 4/2445** (2013.01 - EP US); **H01R 9/26** (2013.01 - EP US); **H01R 43/015** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE FR LI SE

DOCDB simple family (publication)  
**WO 0215338 A1 20020221**; CN 1184722 C 20050112; CN 1444783 A 20030924; DE 10039963 A1 20020321; DE 10039963 C2 20030102; DE 50108957 D1 20060420; EP 1273072 A1 20030108; EP 1273072 B1 20060215; US 2003176098 A1 20030918; US 7223116 B2 20070529

DOCDB simple family (application)  
**DE 0102975 W 20010803**; CN 01813530 A 20010803; DE 10039963 A 20000816; DE 50108957 T 20010803; EP 01960150 A 20010803; US 34475303 A 20030214