

Title (en)  
Contact screw.

Title (de)  
Kontaktschraube.

Title (fr)  
Vis de contact.

Publication  
**EP 0514924 B1 19950906 (DE)**

Application  
**EP 92108684 A 19920522**

Priority  
DE 4116876 A 19910523

Abstract (en)  
[origin: EP0514924A1] A contact screw (10) for making contact with insulated electrical cable conductors in a terminal has a central shank (12) with an external thread (14), a screwing-in part (16) at the front end of the contact screw (10) with milled slots (42), and a contact piece (28) as well as an engagement part (36) for the attachment of a tool. The screw body is provided with an annular groove (20) which goes all the way round in the circumferential direction and forms a transition region (26) of reduced diameter between the shank (12) and the screwing-in part (16). The shank (12) has an axially running internal hole (34) which extends to a point close to the transition region (26) and whose internal diameter is at least as large as the external diameter of the transition region (26). If a predetermined friction resistance is exceeded, the screwing-in part (16) tears off and is pressed against the conductor with which contact is to be made, by the shank (12), with a predetermined contact pressure. <IMAGE>

IPC 1-7  
**H01R 4/24**; **H01R 4/30**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 4/30** (2006.01)

CPC (source: EP)  
**H01R 4/2475** (2013.01); **H01R 4/30** (2013.01)

Cited by  
EP0599346A3; EP1953397A1; EP0692643B2

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**EP 0514924 A1 19921125**; **EP 0514924 B1 19950906**; DE 4116876 A1 19921126; DE 59203526 D1 19951012

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