

Title (en)  
Electrical connector with a clamping screw

Title (de)  
Schraubklemme für elektrische Leiter

Title (fr)  
Douille de contact à vis

Publication  
**EP 0735614 B1 20011010 (DE)**

Application  
**EP 96103713 A 19960309**

Priority  
DE 19512337 A 19950401

Abstract (en)  
[origin: EP0735614A2] The clamp has a cage (2), a clamping bolt (1) rotatable within a threaded section of the cage and a pressure piece (3) which can move within the cage. The pressure piece can be moved against a contact part (11) by the clamp bolt, the contact part being arranged at an angle to the bolt axis in a cable chamber (9) defined by the cage. The pressure piece is moved linearly along the longitudinal axis of the bolt as the bolt rotates, whereby the pressure piece is held against the free end of the clamp bolt over its entire range of movement by a coil spring (14) in contact with the pressure piece and the cage.

IPC 1-7  
**H01R 4/30**; **H01R 4/36**

IPC 8 full level  
**H01R 4/30** (2006.01); **H01R 4/36** (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP)  
**H01R 4/363** (2013.01); **H01R 9/2458** (2013.01)

Cited by  
DE102009007073A1; WO2008119307A1; EP4287411A1; DE102022205610A1

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

DOCDB simple family (publication)  
**EP 0735614 A2 19961002**; **EP 0735614 A3 19980211**; **EP 0735614 B1 20011010**; AT E206846 T1 20011015; DE 19512337 A1 19961002; DE 59607856 D1 20011115

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