

Title (en)

CONNECTING ELEMENT FOR A MECHANICALLY AND ELECTRICALLY CONDUCTIVE CONNECTION

Title (de)

VERBINDUNGSELEMENT FÜR EINE MECHANISCHE SOWIE ELEKTRISCH LEITENDE VERBINDUNG

Title (fr)

ELEMENT D'ASSEMBLAGE SERVANT A ASSURER UNE LIAISON MECANIQUE ET ELECTROCONDUCTRICE

Publication

**EP 1512196 A1 20050309 (DE)**

Application

**EP 03759812 A 20030429**

Priority

- DE 0301388 W 20030429
- DE 10227405 A 20020613

Abstract (en)

[origin: WO03107485A1] The invention relates to a connecting element (11, 21, 41, 51) for a mechanically and electrically conductive connection, comprising at least one expansion element (14, 15, 16, 17, 23, 24, 44, 45) which is tensed in a recess which is arranged in the outer contour of the electric conductor (12, 13). The tensing of the at least one expansion element in the recess occurs by means of control elements (18, 26, 47, 48, 56, 57).

IPC 1-7

**H01R 4/60**

IPC 8 full level

**H01R 4/60** (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP US)

**H01R 4/60** (2013.01 - EP US); **H01R 25/162** (2013.01 - EP US)

Citation (examination)

CH 555601 A 19741031 - PFISTERER ELEKTROTECH KARL

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03107485 A1 20031224**; CN 100342589 C 20071010; CN 1656649 A 20050817; DE 10227405 A1 20040115; EP 1512196 A1 20050309; US 2005266717 A1 20051201; US 7238880 B2 20070703

DOCDB simple family (application)

**DE 0301388 W 20030429**; CN 03811752 A 20030429; DE 10227405 A 20020613; EP 03759812 A 20030429; US 51762904 A 20041213