Title (en)
Contact element with a connection for a stranded wire

Title (de)
Kontaktelement mit einem Anschluss für Litzenleiter

Title (fr)
Elément de contact avec une connection pour un conducteur torsadé

Publication
EP 0892462 B1 20040519 (DE)

Application
EP 98112446 A 19980706

Priority
DE 19730435 A 19970716

Abstract (en)
[origin: DE19730435C1] The contact element has a terminal for a flex conductor. The contact element is esp. a high current element. The terminal end has a transverse bore (4) into which the flex conductor (5) is pushed. A threaded bore (9) is provided perpendicular to the transverse bore. The threaded bore (9) reaches the transverse bore (4). A clamp screw (10) with a ball tip (11) can be screwed into the threaded bore (9). The contact element comprises a one piece cylindrical basic body (1) of electrically conductive material. One end of this of formed as a plug end (2). The other end is formed as a conductor terminal end (3). The transverse bore (9) is provided in the conductor terminal end (3) and is formed as a stepped bore. The lead insertion side of the bore has the smallest diameter. The threaded bore runs axially in the base body (1) out from the plug end (2). The clamp screw (10) is actuated by the plug end.

IPC 1-7
H01R 4/36; H01R 13/11; H01R 11/05; H01R 24/10

IPC 8 full level
H01R 4/36 (2006.01); **H01R 4/50** (2006.01); **H01R 11/05** (2006.01); **H01R 13/11** (2006.01); **H01R 24/10** (2006.01)

CPC (source: EP US)
H01R 4/5091 (2013.01 - EP US); **H01R 13/11** (2013.01 - EP US)

Cited by
EP1944831A1; DE102014112701A1; WO2016034166A2

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

DOCDB simple family (publication)
DE 19730435 C1 19981029; DE 59811413 D1 20040624; EP 0892462 A2 19990120; EP 0892462 A3 20000202; EP 0892462 B1 20040519; JP 2911889 B2 19990623; JP H1186919 A 19990330; US 6000963 A 19991214

DOCDB simple family (application)
DE 19730435 A 19970716; DE 59811413 T 19980706; EP 98112446 A 19980706; JP 19857398 A 19980714; US 12160998 A 19980713