

Title (en)
ELECTRICAL CONNECTOR WITH END CONTACTS FOR HIGH-INTENSITY CURRENTS

Title (de)
ELEKTRISCHER VERBINDER MIT DRUCKKONTAKTEN FÜR STARKE STRÖME

Title (fr)
CONNECTEUR ELECTRIQUE A CONTACTS EN BOUT POUR COURANTS DE FORTES INTENSITES

Publication
EP 1518299 B1 20080730 (FR)

Application
EP 03748193 A 20030701

Priority
• FR 0302031 W 20030701
• FR 0208225 A 20020702

Abstract (en)
[origin: WO2004006392A1] The invention concerns a electrical connector with end contacts for high-intensity currents consisting of an active base (1) and a plug (2) provided with at least one contact pin (11) which is connected to an electric cable (16) and designed to co-operate with an elastic contact (6) of the base (1), said elastic contact (6) being housed in an insulation (3) of said base, while said insulation is provided with a passage opening (10) for inserting the contact pin (11). Said connector is characterized in that at least the penetrating part of the contact pin (11) of the plug has a substantially constant cross-section whereof the dimensions are at most slightly smaller than the dimensions of the cross-section of the passage opening (10) of the insulation (3) of the base (1) while the electric cable (16) whereto the pin (11) is connected, has a surface with cross-section much larger than that of the penetrating part of said pin.

IPC 8 full level
H01R 13/22 (2006.01); **H01R 13/24** (2006.01); **H01R 13/44** (2006.01); **H01R 11/18** (2006.01)

CPC (source: EP)
H01R 13/22 (2013.01); **H01R 13/2421** (2013.01); **H01R 11/18** (2013.01)

Cited by
WO2012038617A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
FR 2842030 A1 20040109; **FR 2842030 B1 20080418**; AU 2003267502 A1 20040123; DE 60322536 D1 20080911; EP 1518299 A1 20050330; EP 1518299 B1 20080730; ES 2307966 T3 20081201; WO 2004006392 A1 20040115

DOCDB simple family (application)
FR 0208225 A 20020702; AU 2003267502 A 20030701; DE 60322536 T 20030701; EP 03748193 A 20030701; ES 03748193 T 20030701; FR 0302031 W 20030701