

Title (en)

CONNECTION BOLT, CONNECTION ELEMENT AND ELECTRICALLY CONDUCTIVE COUPLING APPARATUS

Title (de)

ANSCHLUSSBOLZEN, ANSCHLUSSELEMENT UND ELEKTRISCH LEITENDE KUPPLUNGSVORRICHTUNG

Title (fr)

BOULON DE CONNEXION, ELEMENT DE CONNEXION ET SYSTEME D'ACCOUPLEMENT ELECTRIQUEMENT CONDUCTEUR

Publication

EP 1943703 A1 20080716 (DE)

Application

EP 06807636 A 20061027

Priority

- EP 2006067902 W 20061027
- DE 102005052309 A 20051101

Abstract (en)

[origin: DE102005052309A1] A terminal stud (1) has a shaft (2) and a foot for fixing the stud on a component, in which the shaft (2) has an outer surface which forms a contact surface for the fixture of a connection element and in which the outer surface of the shaft (2) is surrounded by a protective sleeve (8) which covers the contact surface and is movable in a position on the shaft (2) in which the contact surface is freely accessible. Independent claims are included for the following. (1) (A) A connection element and (2) (B) An electrically conducting coupling device.

IPC 8 full level

H01R 4/66 (2006.01)

CPC (source: EP US)

F16B 33/004 (2013.01 - EP US); **F16B 37/061** (2013.01 - EP US); **H01R 4/66** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2007051771A1

Citation (examination)

- US 3449706 A 19690610 - CARISSIMI VINCENT L
- US 5931690 A 19990803 - SAI NORIAKI [JP], et al

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 102005052309 A1 20070503; **DE 102005052309 B4 20131121**; EP 1943703 A1 20080716; JP 2009513916 A 20090402; US 2008214047 A1 20080904; US 7717741 B2 20100518; WO 2007051771 A1 20070510

DOCDB simple family (application)

DE 102005052309 A 20051101; EP 06807636 A 20061027; EP 2006067902 W 20061027; JP 2008538347 A 20061027; US 10894308 A 20080424