

Title (en)

Frictional and interlocking connection between two elements, especially between two elements of different materials

Title (de)

Kraft- und formschlüssige Verbindung zwischen zwei Bauteilen, insbesondere Verbindung zwischen zwei Bauteilen unterschiedlichen Werkstoffes

Title (fr)

Connexion à force et à engagement positif entre deux éléments, notamment connexion entre deux éléments de matériaux différents

Publication

**EP 0962372 B1 20070221 (DE)**

Application

**EP 99110501 A 19990531**

Priority

DE 19824937 A 19980604

Abstract (en)

[origin: EP0962372A1] The connection between two parts consists of carrier section (1), a mounting (2) and one or more pressure distribution parts (4), welded (8) together. The parts are braced, using removeable fasteners (3), e.g. screw and nut (3a,b), and are welded to the carrier section while the bracing is maintained. The carrier section is a hollow profile, and the mounting consists of a higher strength material than the carrier section. The welding zone of the pressure distribution part consists of a material, which can be welded to the carrier, and is pref. of a similar material.

IPC 8 full level

**B61D 3/10** (2006.01); **B61D 3/00** (2006.01); **F16B 2/00** (2006.01); **B61F 5/30** (2006.01); **F16B 2/06** (2006.01); **F16B 39/02** (2006.01)

CPC (source: EP)

**B61D 3/10** (2013.01)

Cited by

CN102514586A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

**EP 0962372 A1 19991208; EP 0962372 B1 20070221**; AT E354508 T1 20070315; CZ 297613 B6 20070214; CZ 9902007 A3 19991215; DE 19824937 A1 19991209; DE 59914204 D1 20070405; DK 0962372 T3 20070529; ES 2281152 T3 20070916; HU 225143 B1 20060728; HU 9901837 D0 19990830; HU P9901837 A2 20010129; HU P9901837 A3 20030128; PL 333522 A1 19991206

DOCDB simple family (application)

**EP 99110501 A 19990531**; AT 99110501 T 19990531; CZ 200799 A 19990604; DE 19824937 A 19980604; DE 59914204 T 19990531; DK 99110501 T 19990531; ES 99110501 T 19990531; HU P9901837 A 19990603; PL 33352299 A 19990602