

Title (en)
Connecting structure for two members.

Title (de)
Stauchverbindung zweier Teile.

Title (fr)
Structure d'assemblage de deux pièces.

Publication
EP 0133704 A2 19850306 (EN)

Application
EP 84109483 A 19840809

Priority
JP 14496083 A 19830810

Abstract (en)
A cylindrical member (1) is fitted into a recess formed in a surface of a flat member (2) which is placed opposite one end of said cylindrical member. Preferably, a plurality of annular grooves (1B) are formed in the surface of one end portion of the cylindrical member (1) and the bottom of the grooved portion is provided with knurled portion (1C). A portion of the flat portion placed in the vicinity of the grooved portion is pressed in the axial direction of the cylindrical member (1) and a portion of the flat member (2) is plastically deformed into the grooved and knurled portion of the cylindrical member (1), whereby the cylindrical member (1) is connected to the flat member (2) with a butt joint.

IPC 1-7
B21D 39/00

IPC 8 full level
B21D 39/00 (2006.01); **B21D 39/06** (2006.01)

CPC (source: EP KR)
B21D 39/00 (2013.01 - KR); **B21D 39/06** (2013.01 - EP)

Cited by
GB2234460A; GB2198289A; FR2606088A1; GB2198289B; US5040731A

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

DOCDB simple family (publication)
EP 0133704 A2 19850306; EP 0133704 A3 19850814; AU 3179584 A 19850221; JP S6037226 A 19850226; KR 850001839 A 19850410

DOCDB simple family (application)
EP 84109483 A 19840809; AU 3179584 A 19840810; JP 14496083 A 19830810; KR 840004720 A 19840808