

Title (en)

Screwed coupler for load transmitting bars

Title (de)

Schraubkupplung für kraftübertragende Stäbe

Title (fr)

Manchon faraudé pour barres de transmission de force

Publication

**EP 0816584 B1 20000510 (DE)**

Application

**EP 97110267 A 19970624**

Priority

DE 19626649 A 19960703

Abstract (en)

[origin: EP0816584A1] The coupling has a sleeve (3) which is connected to a first end (1) of a bar, and which has an internal thread. It also has a connecting head (7), which is joined to a second end of a bar, and which has a threaded spigot (8) which can be screwed into the sleeve. An element (6,9) which can be deformed by an axial force is arranged between the spigot and the first bar end. The depth to which the spigot can be screwed in is limited by a stop surface (12) on the sleeve, or by a mark on the connecting head.

IPC 1-7

**E04C 5/18**

IPC 8 full level

**E04C 5/16** (2006.01); **E04C 5/18** (2006.01)

CPC (source: EP)

**E04C 5/165** (2013.01)

Cited by

CN109505380A; CN1327094C; NL1012410C2; EP1277892A1; CN111910837A; US6688071B1; WO0079071A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0816584 A1 19980107**; **EP 0816584 B1 20000510**; AT E192815 T1 20000515; DE 19626649 A1 19980108; DE 59701624 D1 20000615; DK 0816584 T3 20000911; ES 2147958 T3 20001001

DOCDB simple family (application)

**EP 97110267 A 19970624**; AT 97110267 T 19970624; DE 19626649 A 19960703; DE 59701624 T 19970624; DK 97110267 T 19970624; ES 97110267 T 19970624