

Title (en)

Tension member for structures and method for its manufacture

Title (de)

Zugglied für Bauwerke sowie Verfahren zu dessen Herstellung

Title (fr)

Élément de traction pour constructions et son procédé de fabrication

Publication

EP 1980667 B1 20150408 (DE)

Application

EP 08003628 A 20080228

Priority

DE 102007017697 A 20070414

Abstract (en)

[origin: EP1980667A2] The unit (5) has a filling material (12) arranged in a free remaining cross section (11) of a tubular cover (8) for securing a traction component (10) against transversal movement within the cover. The filling material extends over a limited longitudinal section of the traction unit, and consists of a deformable sheath (13). The sheath is limited, and tightly seals a hollow space filled with a filling medium (27), which is made of a grained material such as sand or granules, and gas or elastic material such as rubber or plastic. An independent claim is also included for a method for manufacturing a tension unit.

IPC 8 full level

E01D 19/16 (2006.01); **E01D 11/04** (2006.01); **E04C 5/10** (2006.01)

CPC (source: EP KR US)

D07B 1/06 (2013.01 - EP US); **E01D 11/04** (2013.01 - EP KR US); **E01D 19/16** (2013.01 - EP KR US); **E04C 5/10** (2013.01 - EP US); **D07B 2501/203** (2013.01 - EP US); **Y10T 29/49616** (2015.01 - EP US)

Cited by

CN102121229A; CN103643636A; CN110387818A; WO2020229867A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1980667 A2 20081015; **EP 1980667 A3 20100728**; **EP 1980667 B1 20150408**; CA 2628364 A1 20081014; CA 2628364 C 20110913; DE 102007017697 A1 20081023; ES 2541430 T3 20150720; JP 2008261209 A 20081030; JP 5269465 B2 20130821; KR 101246587 B1 20130326; KR 20080093004 A 20081017; US 2008250576 A1 20081016; US 7950093 B2 20110531

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