

Title (en)
Device for anchoring tension members

Title (de)
Vorrichtung zur Verankerung von Zuggliedern

Title (fr)
Dispositif d'ancrage d'articulations de traction

Publication
EP 2365154 B1 20130123 (DE)

Application
EP 11001838 A 20110304

Priority
DE 102010010347 A 20100305

Abstract (en)
[origin: EP2365154A1] The device (10) has a retaining ring (14) e.g. steel ring, circumferentially closing a ring axis (A) for receiving voltages. A filling body (16) fills an interior of the retaining ring and is fastened at the retaining ring in an undetachable manner. The filling body has a front-sided load introduction side (18), an opposite, front-sided load forwarding side (20) and a prefabricated, axially passed tension element channel (22) for receiving a tension element (12). The retaining ring exhibits a constant cross-section along the ring axis. The retaining ring is a cylindrical pipe section and a fiber reinforced plastic ring.

IPC 8 full level
E04C 5/08 (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP)
E04C 5/122 (2013.01); **E04C 5/125** (2013.01)

Cited by
WO2019025330A1; CN110258930A; FR3069558A1; CN109849176A; WO2022013638A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2365154 A1 20110914; EP 2365154 B1 20130123; DE 102010010347 A1 20110908

DOCDB simple family (application)
EP 11001838 A 20110304; DE 102010010347 A 20100305