

Title (en)

ZÜBLIN POST ANCHORING SYSTEM ON ENGINEERING STRUCTURES HAVING A SPHERICAL WASHER/CONICAL SEAT SYSTEM

Title (de)

PFOSTENVERANKERUNG SYSTEM ZÜBLIN AUF INGENIEURBAUWERKEN MIT KUGELSCHEIBEN-KEGELPFANNENSYSYSTEM

Title (fr)

SYSTÈME D'ANCRAGE DE POTEAUX SUR DES OUVRAGES D'ART COMPORTANT UN SYSTÈME DE RONDELLES À PORTÉE SPHÉRIQUE ET DE POULIES À CÔNES

Publication

EP 2507450 A2 20121010 (DE)

Application

EP 10801120 A 20101109

Priority

- DE 202009016293 U 20091201
- DE 2010075126 W 20101109

Abstract (en)

[origin: WO2011066827A2] The post anchoring according to the invention for protective walls on engineering structures provides a spherical washer/conical seat system for compensating possible angled positions with the objective of an approximately central load application, wherein the anchoring elements are preloaded and, in the preloaded free length thereof, are surrounded by a preferably viscoelastic, anti-corrosion medium. The post anchoring comprises an insert element, which is inserted into the concrete of the structure. Alternatively, a subsequent anchoring is accomplished in that holes are made in the already produced structure concrete. Said holes can be through-holes, in which case the anchoring is accomplished by means of an anchor rod that extends through the hole and a corresponding counter threaded connection. The hole can also only be made down to a required anchoring depth, in which case an anchoring rod is adhesively bonded in the drill hole.

IPC 8 full level

E01F 8/00 (2006.01)

CPC (source: EP)

E01F 8/0023 (2013.01)

Citation (search report)

See references of WO 2011066827A2

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)

DE 202009016293 U1 20100325; DE 112010004622 A5 20130411; EP 2507450 A2 20121010; EP 2507450 B1 20160420; WO 2011066827 A2 20110609; WO 2011066827 A3 20130510

DOCDB simple family (application)

DE 202009016293 U 20091201; DE 112010004622 T 20101109; DE 2010075126 W 20101109; EP 10801120 A 20101109