

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

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Application

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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.

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