

Title (en)

A device for anchoring metal strands to structures by means of epoxy resin.

Title (de)

Vorrichtung zum Verankern von Metalldrähten an Strukturen mit Hilfe von Epoxyharz.

Title (fr)

Dispositif pour l'ancrage de fils métalliques à des structures au moyen de résines époxydes.

Publication

EP 0044883 A2 19820203 (EN)

Application

EP 80106457 A 19801023

Priority

IT 2377480 A 19800729

Abstract (en)

Device and process for anchoring tensioning elements (13), such as strands, bundles of metal strands or cables with metal or concrete structures (11), comprising one or more tensioning elements (13), a plate (25, 45) for load distribution, the plate being perforated for the passage of said tensioning elements (13), and clamping means (26) for each of the tensioning elements (13), according to which there are further provided: a box (20, 40) for receiving all said tensioning elements (13) so as not to contact the box walls, the box being provided with opposite openings of a sufficient size to allow the passage of said tensioning elements (13); a plurality of tubes (21) of sufficient inner size to accommodate with clearance each of the tensioning elements (13); a packing of epoxy resins (30) in said tubes (21) and said box (20, 40) about said tensioning elements (13). Provision is also made for possible adjustment of the strains by means of ring nut (43), as well as interchangeability of the tensioning elements.

IPC 1-7

E04C 5/12

IPC 8 full level

E04C 5/12 (2006.01)

CPC (source: EP)

E04C 5/125 (2013.01)

Cited by

CN105401697A

Designated contracting state (EPC)

CH DE FR GB

DOCDB simple family (publication)

EP 0044883 A2 19820203; EP 0044883 A3 19820728; EP 0044883 B1 19860827; AR 224037 A1 19811015; BR 8007663 A 19820727; DE 3071726 D1 19861002; ES 502743 A0 19820401; ES 8204093 A1 19820401; IT 1198345 B 19881221; IT 8023774 A0 19800729

DOCDB simple family (application)

EP 80106457 A 19801023; AR 28316880 A 19801107; BR 8007663 A 19801121; DE 3071726 T 19801023; ES 502743 A 19801110; IT 2377480 A 19800729