Title (en)

SYSTEM AND METHOD FOR DESTRESSING STAY CABLES BY INCORPORATION OF, OR SUBSTITUTION BY, IMPROVED FILLER MATERIAL

Title (de)

SYSTEM UND VERFAHREN ZUM ENTSPANNEN VON SCHRÄGSEILEN DURCH EINFÜGUNG VON ODER SUBSTITUTION DURCH VERBESSERTES FÜLLMATERIAL

Title (fr)

SYSTÈME ET PROCÉDÉ DE SUPPRESSION DE TENSION DE HAUBANS PAR INCORPORATION DE MATÉRIAU DE REMPLISSAGE AMÉLIORÉ OU SUBSTITUTION AVEC LEDIT MATÉRIAU

Publication

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Application

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Abstract (en)

[origin: EP3808899A1] The present invention relates to a system and method for detensioning guy lines by incorporating, or replacing with, improved filler material. Specifically, the method consists of removing in one area the sheath covering the guy line and the cement grout (if it has those elements) and leaving it clean, placing a formwork around it wherein the improved filler material is injected, which enables, once set, having an area with improved strength and adhesion in order to be able to locate thereon clamps at the ends and starting from them yoke-shaped structures joined to each other by post-tensioning bars or tendons, whereon hydraulic cylinders act in order to release the tension from the guy line and pass it to the post-tensioning bars or tendons and thus be able to cut the strands or wires of the guy lines, in order to subsequently relax the hydraulic cylinders in stages until the guy line is completely detensioned.

IPC 8 full level

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CPC (source: EP ES)

E01D 19/16 (2013.01 - EP ES); **E01D 22/00** (2013.01 - EP ES); E01D 11/04 (2013.01 - EP)

Cited by

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