

Title (en)

A PRE-STRESSING DEVICE, AND A METHOD FOR REINFORCING A STRUCTURAL MEMBER

Title (de)

VORSPANNUNGSVORRICHTUNG UND VERFAHREN ZUR VERSTÄRKUNG EINES STRUKTURTEILS

Title (fr)

DISPOSITIF DE PRÉCONTRAINTE ET PROCÉDÉ DE RENFORCEMENT D'UN ÉLÉMENT STRUCTURAL

Publication

EP 3087234 A1 20161102 (EN)

Application

EP 14824844 A 20141223

Priority

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- EP 2014079140 W 20141223

Abstract (en)

[origin: WO2015097212A1] A pre-stressing device for reinforcing and/or repair a structural member (10) by means of a pre-stressed cover plate (112) is provided. The device comprises a stress member (118, 120, 118', 120', 128, 118'') being connected to an attachment structure (130) for at least temporarily securing said device (100, 100', 100'', 100''') to the cover plate (112), wherein the stress member (118, 120, 118', 120', 128, 118'') is configured such that when a force is applied to the stress member (118, 120, 118', 120', 128, 118''), different portions of the stress member (118, 120, 118', 120', 128, 118'') will immediately be subjected to different magnitudes of force.

IPC 8 full level

E04G 23/02 (2006.01); **E04C 5/08** (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP KR US)

E04C 3/10 (2013.01 - US); **E04C 3/26** (2013.01 - US); **E04C 5/08** (2013.01 - US); **E04C 5/085** (2013.01 - KR); **E04C 5/127** (2013.01 - KR); **E04G 21/12** (2013.01 - EP KR US); **E04G 21/121** (2013.01 - EP KR US); **E04G 23/0218** (2013.01 - EP KR US); **E04C 5/085** (2013.01 - EP US); **E04C 5/127** (2013.01 - EP US); **E04G 2023/0259** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2015097212A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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