

Title (en)

METHOD OF REINFORCING A BUILDING STRUCTURE AND ANCHORING DEVICE THEREFOR

Title (de)

VERFAHREN ZUR BEWEHRUNG EINER BAUSTRUKTUR UND VERANKERUNGSVORRICHTUNG DAFÜR

Title (fr)

PROCÉDÉ DE RENFORCEMENT D'UN OUVRAGE D'ART ET PIÈCE D'ANCRAGE ASSOCIÉE

Publication

EP 1503007 B1 20200115 (FR)

Application

EP 04291892 A 20040723

Priority

FR 0309225 A 20030728

Abstract (en)

[origin: EP1503007A1] The component has a nailing unit for fixing on a concrete floor (12), and an anchorage unit for anchoring a pre-stressed cable adjacent to one side of the component directed towards a common part of the cable. The nailing unit is adjacent to another side of the component located opposite to the former side. The component is put in traction when the cable is stretched. An independent claim is also included for a method of reinforcing or repairing structural work by additional pre-stressing.

IPC 8 full level

E04C 5/12 (2006.01); **E04G 21/12** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP US)

E04C 5/122 (2013.01 - EP US); **E04G 21/12** (2013.01 - EP US); **E04G 23/0218** (2013.01 - EP US)

Designated contracting state (EPC)

ES FR GB

DOCDB simple family (publication)

EP 1503007 A1 20050202; **EP 1503007 B1 20200115**; ES 2782349 T3 20200914; FR 2858345 A1 20050204; FR 2858345 B1 20070420; JP 2005048586 A 20050224; JP 4563747 B2 20101013; US 2005028477 A1 20050210; US 2012011788 A1 20120119; US 8104246 B2 20120131; US 8333047 B2 20121218

DOCDB simple family (application)

EP 04291892 A 20040723; ES 04291892 T 20040723; FR 0309225 A 20030728; JP 2004219950 A 20040728; US 201113243625 A 20110923; US 90132104 A 20040728