

Title (en)  
ANCHORING ELEMENT AND METHOD FOR MOUNTING AN ANCHOR RAIL IN A CONSTRUCTION ELEMENT MADE OF CONCRETE

Title (de)  
VERANKERUNGSELEMENT UND VERFAHREN ZUR MONTAGE EINER ANKERSCHIENE IN EINEM BAUKÖRPER AUS BETON

Title (fr)  
ÉLÉMENT D'ANCRAGE ET PROCÉDÉ DE MONTAGE D'UN RAIL D'ANCRAGE DANS UN ÉLÉMENT DE CONSTRUCTION EN BÉTON

Publication  
**EP 3990715 A1 20220504 (DE)**

Application  
**EP 20761189 A 20200820**

Priority  
• DE 102019124308 A 20190910  
• EP 2020073370 W 20200820

Abstract (en)  
[origin: CA3145771A1] An anchoring element for casting in concrete comprises an anchor rail (1), which has a plurality of anchor protrusions (2), and a strip-shaped receptacle for mounting fastening means, at least one retaining bracket (20) being fixed to the anchor rail (1), by means of which retaining bracket the anchor rail (1) can be fastened to a formwork component (10). Furthermore, at least one flange (22) laterally protruding from the anchor rail (1) is formed on the retaining bracket (20), which flange is connected to a central portion (21) of the retaining bracket (20) by means of a predetermined breaking point (24) and thus can be easily removed. Thus, the anchoring element can be fixed to a formwork component using simple means. A method for mounting an anchor rail in a construction element made of concrete is also provided.

IPC 8 full level  
**E04B 1/41** (2006.01); **E04G 21/18** (2006.01)

CPC (source: EP IL KR US)  
**E04B 1/4107** (2013.01 - EP IL KR US); **E04B 1/4128** (2013.01 - EP IL KR); **E04G 21/185** (2013.01 - EP IL KR)

Citation (search report)  
See references of WO 2021047876A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102019124308 A1 20210311**; AU 2020344087 A1 20220203; CA 3145771 A1 20210318; DK 3990715 T3 20230417;  
EP 3990715 A1 20220504; EP 3990715 B1 20230111; ES 2941884 T3 20230526; FI 3990715 T3 20230421; HR P20230322 T1 20230512;  
HU E061573 T2 20230728; IL 291133 A 20220501; JP 2022546795 A 20221109; KR 20220054336 A 20220502; LT 3990715 T 20230425;  
PL 3990715 T3 20230605; US 2022268013 A1 20220825; WO 2021047876 A1 20210318

DOCDB simple family (application)  
**DE 102019124308 A 20190910**; AU 2020344087 A 20200820; CA 3145771 A 20200820; DK 20761189 T 20200820;  
EP 2020073370 W 20200820; EP 20761189 A 20200820; ES 20761189 T 20200820; FI 20761189 T 20200820; HR P20230322 T 20200820;  
HU E20761189 A 20200820; IL 29113322 A 20220306; JP 2022502037 A 20200820; KR 20227009327 A 20200820;  
LT EP2020073370 T 20200820; PL 20761189 T 20200820; US 202017629029 A 20200820