

Title (en)

STEEL INSTALLATION PART FOR BUILDINGS FOR REPLACING A PREDETERMINED REGION OF A REINFORCED CONCRETE COMPONENT PROVIDING FOR RECEIVING LOADS

Title (de)

STAHLINBAUTEIL FÜR BAUWERKE ZUM ERSATZ EINES VORBESTIMMTEN BEREICHS EINES ZUR LASTAUFNAHME VORGEGEHEHENEN STAHLBETONBAUTEILS

Title (fr)

PIÈCE D'INSTALLATION EN ACIER POUR BÂTIMENTS POUR LE REMPLACEMENT D'UNE RÉGION PRÉDÉTERMINÉE D'UN COMPOSANT EN BÉTON ARMÉ PRÉVU POUR RECEVOIR DES CHARGES

Publication

EP 4010542 A1 20220615 (DE)

Application

EP 19766163 A 20190808

Priority

DE 2019000214 W 20190808

Abstract (en)

[origin: WO2021023324A1] The invention relates to steel installation parts, which can replace predetermined regions of reinforced concrete components provided for receiving loads, in particular reinforced concrete beams, and which can be arranged in a less dense construction without losing bearing capacity, in order to create space for technical installation elements such as lines, cables and channels.

IPC 8 full level

E04C 3/08 (2006.01); **E04C 3/04** (2006.01); **E04C 3/294** (2006.01)

CPC (source: EP US)

E04C 3/08 (2013.01 - EP); **E04C 3/291** (2013.01 - EP US); **E04C 3/293** (2013.01 - EP US); **E04C 3/294** (2013.01 - EP); **E04C 2003/046** (2013.01 - EP)

Citation (search report)

See references of WO 2021023324A1

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)

WO 2021023324 A1 20210211; CA 3149625 A1 20210211; DE 112019007617 A5 20220421; EP 4010542 A1 20220615; US 2022251839 A1 20220811

DOCDB simple family (application)

DE 2019000214 W 20190808; CA 3149625 A 20190808; DE 112019007617 T 20190808; EP 19766163 A 20190808; US 201917630329 A 20190808