

Title (en)

TIE GRIPPER FOR REMOVING A FORMWORK TIE, FORMWORK TIE FOR PLACING ON FORMWORK ELEMENTS OF A CONCRETE WALL FORM, AND METHOD FOR REMOVING A FORMWORK TIE

Title (de)

ANKERGREIFER ZUM ENTFERNEN EINES SCHALUNGSANKERS, SCHALUNGSANKER ZUM ANORDNEN AN SCHALUNGELEMENTEN EINER BETONWANDSCHALUNG, VERFAHREN ZUM ENTFERNEN EINES SCHALUNGSANKERS

Title (fr)

PINCE D'ATTACHE SERVANT À RETIRER UNE ATTACHE DE COFFRAGE, ATTACHE DE COFFRAGE DESTINÉE À ÊTRE PLACER SUR DES ÉLÉMENTS DE COFFRAGE D'UNE FORME DE MUR EN BÉTON, ET PROCÉDÉ DE RETRAIT D'UNE ATTACHE DE COFFRAGE

Publication

EP 4226004 A1 20230816 (DE)

Application

EP 21787348 A 20211001

Priority

- DE 102020126213 A 20201007
- EP 2021077111 W 20211001

Abstract (en)

[origin: WO2022073873A1] The invention relates to a tie gripper (1) for removing a formwork tie (10) placed between formwork elements (5) of a concrete wall form (15). The tie gripper (1) is designed to release a tie rod (3) of the formwork tie (10) from the concrete and to remove the tie rod (3) from the concrete wall form (15) and can be screwed onto the formwork tie (10) and can be connected to the formwork tie (10) for conjoint rotation. The invention also relates to a formwork tie and to a method for removing a formwork tie (10) placed between formwork elements (5) of a concrete wall form (15).

IPC 8 full level

E04G 17/06 (2006.01); **E04G 17/065** (2006.01)

CPC (source: EP)

E04G 17/0642 (2013.01); **E04G 17/0652** (2013.01); **E04G 17/0657** (2013.01)

Citation (search report)

- [XI] US 3613216 A 19711019 - WILLIAMS CHESTER I
- [XI] CN 201133080 Y 20081015 - SINOHYDRO ENGINEERING BUREAU [CN]
- [XI] CH 485097 A 19700131 - BRANDSTAETTER ROLF [DE]
- [X] JP 2000345705 A 20001212 - HIRUKOTANI YOSHITAKA
- See also references of WO 2022073873A1

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

DOCDB simple family (publication)

DE 102020126213 B3 20211230; EP 4226004 A1 20230816; EP 4226004 B1 20240703; EP 4226004 C0 20240703;
WO 2022073873 A1 20220414

DOCDB simple family (application)

DE 102020126213 A 20201007; EP 2021077111 W 20211001; EP 21787348 A 20211001