

Title (en)  
COMBINED ANCHOR AND FASTENER ASSEMBLY ESPECIALLY INTENDED FOR CONCRETE STRUCTURES AND METHOD EMPLOYING SAME

Title (de)  
KOMBINIERTER ANKER- UND BEFESTIGUNGSANORDNUNG, INSBESONDERE FÜR BETONKONSTRUKTIONEN UND VERFAHREN ZU IHRER VERWENDUNG

Title (fr)  
ENSEMBLE ANCRAGE ET FIXATION COMBINÉS SPÉCIALEMENT DESTINÉ À DES STRUCTURES EN BÉTON ET PROCÉDÉ METTANT EN ŒUVRE LEDIT ENSEMBLE

Publication  
**EP 3837402 A4 20220622 (EN)**

Application  
**EP 19858323 A 20190904**

Priority

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- US 2018065465 W 20181213
- US 2019018592 W 20190219
- US 2019026058 W 20190405
- US 2019049549 W 20190904

Abstract (en)  
[origin: WO2020051218A1] A combined anchor and fastener that includes an anchor baseplate having at least one throughbore extending between a top surface and a bottom surface of the anchor baseplate. An elongated post is coupled to the anchor baseplate with an at least partially threaded, internal cylindrical bore for receipt of a mechanical fastener which extends between a first end and a second end of the post whereupon the post internal bore is in alignment and registry with the throughbore of the baseplate. The post includes a second end portion depending from the bottom surface of the anchor baseplate such that the bottom surface of the anchor baseplate is configured to abut and lie generally flush against a portion of a concrete structure apart from a portion which is covered by the post second end portion. The disclosure includes further embodiments as well as a method of anchoring and fastening an object to a concrete structure.

IPC 8 full level  
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Citation (search report)

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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)  
**WO 2020051218 A1 20200312**; AU 2019335221 A1 20210318; BR 112021003957 A2 20210525; CA 3111321 A1 20200312; CN 112888827 A 20210601; CO 2021004022 A2 20210430; EA 202190553 A1 20210726; EP 3837402 A1 20210623; EP 3837402 A4 20220622; IL 281165 A 20210429; JP 2021535301 A 20211216; JP 2024059768 A 20240501; JP 7442507 B2 20240304; KR 20210053960 A 20210512; MX 2021002522 A 20210811; NO 20210291 A1 20210305; US 2022127811 A1 20220428

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**US 2019049549 W 20190904**; AU 2019335221 A 20190904; BR 112021003957 A 20190904; CA 3111321 A 20190904; CN 201980057990 A 20190904; CO 2021004022 A 20210330; EA 202190553 A 20190904; EP 19858323 A 20190904; IL 28116521 A 20210301; JP 2021511639 A 20190904; JP 2024024040 A 20240220; KR 20217009772 A 20190904; MX 2021002522 A 20190904; NO 20210291 A 20210305; US 201917429757 A 20190904