

Title (en)

ASSEMBLED EARLY-REMOVAL BUILDING FORMWORK SYSTEM AND ERECTING METHOD THEREOF

Title (de)

MONTIERTES GEBÄUDESCHALUNGSSYSTEM ZUR FRÜHEN ENTFERNUNG UND ERRICHTUNGSVERFAHREN DAFÜR

Title (fr)

SYSTÈME ASSEMBLÉ DE COFFRAGE DE BÂTIMENT À RETRAIT PRÉCOCE, ET SON PROCÉDÉ DE MONTAGE

Publication

**EP 3205790 A4 20180404 (EN)**

Application

**EP 14903527 A 20141117**

Priority

- CN 201410529351 A 20141009
- CN 2014091243 W 20141117

Abstract (en)

[origin: US2016298344A1] The present invention is applicable to construction engineering technical field, providing an assembling and dismantling-beforehand structural template system and a construction method thereof. In this template system, a first standard interior-wall template is close to an internal-corner of a building structure, a first non-standard exterior-wall template is close to an external-corner of the building structure, so that a first vertical pair wiredrawing bar group is closer to the corner position of the building structure, improving the template stress state of the corner part of the building structure. The horizontal spacing and the height spacing of interactive wiredrawing bar group are fixed, standardized, and serialized, thus reducing the processing difficulty and cost of the template. Meanwhile, holes don't need to change their location repeatedly, improving the template turnover rate, extending the template service life, and reducing costs.

IPC 8 full level

**E04G 11/02** (2006.01); **E04G 11/08** (2006.01); **E04G 11/36** (2006.01)

CPC (source: EP US)

**E04B 1/161** (2013.01 - EP US); **E04B 2/84** (2013.01 - US); **E04G 11/02** (2013.01 - EP US); **E04G 11/085** (2013.01 - US); **E04G 11/087** (2013.01 - US); **E04G 11/365** (2013.01 - US)

Citation (search report)

- [Y] DE 2323532 A1 19741128 - DREISKAEMPER GMBH
- [A] US 2014013683 A1 20140116 - YIN YIQING [CN], et al
- [Y] DE 1862988 U 19621129 - WILLIGER ACHAC [FR]
- [Y] CN 102828611 A 20121219 - HUI LINDA TECHNOLOGY CO LTD
- [Y] EP 0123264 A2 19841031 - PUJOL BARCONS SALVADOR
- [A] US 2566528 A 19510904 - ROBERT MACKIE
- [A] DE 102009055690 A1 20110526 - PERI GMBH [DE]
- See also references of WO 2016054849A1

Cited by

CN115596198A; CN108049629A; CN109555312A; WO2022051821A1

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)

**US 2016298344 A1 20161013**; CN 104264982 A 20150107; CN 104264982 B 20160817; EP 3205790 A1 20170816; EP 3205790 A4 20180404; SG 11201604275R A 20160728; WO 2016054849 A1 20160414

DOCDB simple family (application)

**US 201615185057 A 20160617**; CN 2014091243 W 20141117; CN 201410529351 A 20141009; EP 14903527 A 20141117; SG 11201604275R A 20141117