Title (en)

Mounting method and mounting device of a concrete tower formed with precast pieces

Title (de)

Montageverfahren und Montagevorrichtung eines Betonturms aus vorgefertigten Teilen

Title (fr)

Procédé de montage et dispositif de montage d'une tour en béton formée de pièces préfabriquées

Publication

EP 2857615 A1 20150408 (EN)

Application

EP 13187281 A 20131003

Priority

EP 13187281 A 20131003

Abstract (en)

Mounting method of a hollow tower (11) structured in vertical sections (13) formed by concrete precast pieces (15), comprising the steps of: installing a primary module (14) of an auxiliary tower (12), coupling a deliverer platform (27) to its top and a mounting gateway (19) to its lower base; mounting those vertical sections (13) of the tower accessible from the deliverer platform (27); raising the primary module (14) in the height of a vertical section (13), adapting the surface of the mounting gateway (19) to the inner surface of the next vertical section (13) and assembling a new module (26) to the auxiliary tower (12); placing the precast pieces (15) of the next vertical section (13); joining the concrete precast pieces (15) of the next vertical section (13) with the precast pieces (15) of the lower section, and repeating steps up to complete the mounting.

IPC 8 full level

E04H 12/34 (2006.01)

CPC (source: EP)

E04H 12/342 (2013.01); **E04H 12/344** (2013.01)

Citation (applicant)

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Citation (search report)

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- [A] US 2011067353 A1 20110324 - TADAYON SAIED [US]
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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 13187281 A 20131003; EP 2014071214 W 20141002