

Title (en)

AN ERECTION UNIT FOR A BUILDING FLOOR SLAB AND THE ERECTION METHOD THEREOF

Title (de)

AUFSTELLEINHEIT FÜR EINE GEBÄUDEBODENPLATTE UND AUFSTELLVERFAHREN DAFÜR

Title (fr)

UNITE DE MONTAGE POUR DALLE DE PLANCHER DE BATIMENT ET SON PROCEDE DE MONTAGE

Publication

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Application

**EP 03734643 A 20030124**

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Abstract (en)

[origin: WO03064781A1] An erection unit for a building floor slab is disclosed, which includes a load-bearing member for lifting the floor slab. Said load-bearing member is higher than a plane where the floor slab lies and fixed in a wall and connected with the floor slab by the aid of a traction member. A method for erecting the floor slab with said erection unit is disclosed, which includes the following processes: installing the floor slab mould; connecting the upper end of the traction member to the load-bearing member above the floor slab; placing the lower end of the traction member on the height where the floor slab is located; then pouring concrete; dismantling the mould and installing the next lower layer after the floor slab has hardened; taking off the traction member after the floor slab has solidified to a strength enough to support its deadweight.

IPC 1-7

**E04B 5/32**; **E04B 1/35**; **E04G 11/48**

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [A] DE 1684430 A1 19691204 - SIEMENS BAUUNION GMBH
- [A] US 5469684 A 19951128 - FRANKLIN JAMES W [US]
- See references of WO 03064781A1

Cited by

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