

Title (en)

Assembling system between columns and a slab and construction process therefore

Title (de)

Verbindungssystem zwischen zwei Säulen und einer Decke und Aufbauverfahren hierfür

Title (fr)

Système d'assemblage de dalles de béton et procédé d'assemblage d'une dalle de béton entre deux colonnes supportées

Publication

EP 2339082 A1 20110629 (EN)

Application

EP 09180602 A 20091223

Priority

EP 09180602 A 20091223

Abstract (en)

A concrete slab assembling system comprising: -a reinforced concrete slab (1); -a supporting column (2); -a supported column (3), having a bottom-end with a reference outer diameter thereof; -an interface adaptor (10) for placement between the supported column bottom-end and the slab top surface; -said interface adaptor (10) outer diameter at least at the contacting portion with said bottom-end surface, being at least 10% smaller than the reference diameter of the supported column. The invention also provides the corresponding method for assembling a concrete slab (1) between a supporting column (2) and a supported column (3).

IPC 8 full level

E04B 5/43 (2006.01); **E04B 1/21** (2006.01)

CPC (source: EP)

E04B 1/215 (2013.01); **E04B 5/43** (2013.01)

Citation (applicant)

- DE 20120678 U1 20020314 - WALTER BAU AG [DE]
- EP 1749949 A2 20070207 - MABA FERTIGTEILIND GMBH [AT]
- EP 1426508 A2 20040609 - MABA FERTIGTEILIND GMBH [AT]
- DE 10324291 A1 20041216 - WEISKE RAINER [DE]
- WO 2005098160 A1 20051020 - UNIV WIEN TECH [AT], et al

Citation (search report)

- [XAYI] US 4330970 A 19820525 - BONINK JOHANNES A
- [IAY] DE 20120678 U1 20020314 - WALTER BAU AG [DE]
- [A] NL 9000820 A 19911101 - BOUWBETON B V
- [A] DE 2122316 A1 19721116

Cited by

CN108487457A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2339082 A1 20110629

DOCDB simple family (application)

EP 09180602 A 20091223