

Title (en)

Butt joints of highly stressed prefabricated columns

Title (de)

Stützenstumpfstoß hochbelasteter Fertigteilstützen

Title (fr)

Liaison bout à bout de colonnes préfabriquées supportant des charges importantes

Publication

**EP 2410097 A3 20130724 (DE)**

Application

**EP 11401550 A 20110714**

Priority

DE 102010031511 A 20100719

Abstract (en)

[origin: EP2410097A2] The joint has high strength reinforcing steel bars (5, 8) obtusely pushed together without direct contact. The distance between the reinforcing steel bars of a lower precast concrete column (1) and an upper precast concrete column (7) amounts to one by eighth of a single rod diameter plus a tolerance compensation. A lower edge of the upper precast concrete column is formed against a horizontal bent. The upper precast concrete column is fitted with a baseplate on an end of the one of the reinforcing steel bars.

IPC 8 full level

**E04B 1/21** (2006.01)

CPC (source: EP)

**E04B 1/21** (2013.01)

Citation (search report)

- [X1] WO 2005098160 A1 20051020 - UNIV WIEN TECH [AT], et al
- [XA] BE 461851 A
- [A] DE 10004768 A1 20010809 - WOLPERDING GERNOT [DE]

Cited by

CN113818698A; CZ310028B6; CZ305679B6; WO2020186857A1

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)

**EP 2410097 A2 20120125; EP 2410097 A3 20130724**; DE 102010031511 A1 20120119

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