

Title (en)
COLUMN-CEILING NODE FOR A REINFORCED CONCRETE CEILING AND TWO CONCRETE COLUMNS IN STOREY CONSTRUCTION

Title (de)
STÜTZEN-DECKENKNOTEN FÜR EINE STAHLBETONDECKE UND ZWEI BETONSTÜTZEN IM GESCHOSSBAU

Title (fr)
JONCTION DE PLANCHER POUR UN PLANCHER EN BÉTON ARMÉ ET DEUX PILIERS EN BÉTON DANS UN IMMEUBLE

Publication
EP 3728756 A1 20201028 (DE)

Application
EP 18826915 A 20181211

Priority

- AT 510722017 A 20171222
- AT 504532018 A 20180606
- AT 2018060293 W 20181211

Abstract (en)
[origin: WO2019118998A1] Column-ceiling node (1) for a reinforced concrete ceiling (11) and two prefabricated concrete columns (2, 3, 4) in storey construction, wherein the upper end (7) of the lower concrete column (3) and/or the lower end (8) of the upper concrete column (4) are or is arranged adjoining the reinforced concrete ceiling (11), wherein the column axes (5) of the concrete columns (3, 4) extend substantially along a common straight line. The column-ceiling node (1) has a cross section in the region of the upper end (7) of the lower concrete column (3) that is greater than a cross section of the central half (6) of the longitudinal extent of the lower concrete column (3), and has a cross section in the region of the lower end (8) of the upper concrete column (4) that is greater than a cross section of the central half (6) of the longitudinal extent of the upper concrete column (4).

IPC 8 full level
E04B 5/43 (2006.01); **E04B 1/30** (2006.01); **E04C 3/34** (2006.01)

CPC (source: EP)
E04B 5/43 (2013.01); **E04C 3/34** (2013.01); **E04B 1/30** (2013.01)

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)
WO 2019118998 A1 20190627; EP 3728756 A1 20201028; EP 3728756 B1 20230726; EP 3728756 C0 20230726

DOCDB simple family (application)
AT 2018060293 W 20181211; EP 18826915 A 20181211