

Title (en)

COLUMN SHOE FOR FASTENING REINFORCED CONCRETE COLUMNS TO A BASE

Title (de)

STÜTZENSCHUH FÜR STAHLBETONSTÜTZEN

Title (fr)

SABOT DE COLONNE POUR DES POTEAUX EN BETON ARME

Publication

EP 3997273 B1 20230726 (EN)

Application

EP 20742796 A 20200629

Priority

- FI 20195632 A 20190712
- FI 2020050473 W 20200629

Abstract (en)

[origin: WO2021009409A1] Presented is a column shoe for fastening reinforced concrete columns to a base. The column shoe comprises a bottom plate (1), a side wall member (3) fastened to the bottom plate (1) for providing a bolt casing (4) of the bottom plate (1) and the side wall member (3), main bonds (5), and back bond means (6). The angle α between the side plate sections (7) being between about 40° and about 60°, and the back bond means (6) comprising a back anchor (9) fastened to the back surface (12) of each side plate section (7) that face away from one another.

IPC 8 full level

E02D 5/52 (2006.01); **E04B 1/21** (2006.01)

CPC (source: CN EP KR)

E02D 13/04 (2013.01 - CN EP KR); **E04B 1/215** (2013.01 - CN EP KR)

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

DOCDB simple family (publication)

WO 2021009409 A1 20210121; AU 2020312760 A1 20220210; AU 2020312760 B2 20240201; CN 114127366 A 20220301; CN 114127366 B 20231219; EP 3997273 A1 20220518; EP 3997273 B1 20230726; EP 3997273 C0 20230726; ES 2961188 T3 20240308; HU E063672 T2 20240128; KR 20220033049 A 20220315; PL 3997273 T3 20230925; ZA 202110804 B 20230222

DOCDB simple family (application)

FI 2020050473 W 20200629; AU 2020312760 A 20200629; CN 202080050205 A 20200629; EP 20742796 A 20200629; ES 20742796 T 20200629; HU E20742796 A 20200629; KR 20227000374 A 20200629; PL 20742796 T 20200629; ZA 202110804 A 20211222