

Title (en)

FINE PROOF BOND BEAM COLUMN FOR REINFORCED CONCRETE CONSTRUCTIONS

Publication

EP 0290884 B1 19920902 (DE)

Application

EP 88106889 A 19880429

Priority

LU 86878 A 19870514

Abstract (en)

[origin: EP0290884A2] Fireproof beam-column bond for reinforced concrete construction, in which the open chambers of the column profile (1, 20) are for the most part filled with concrete and the outer faces of the flanges are bare, i.e. not covered with concrete. The web and one flange of the beam (2) are bare; the other flange, supporting the concrete ceiling (8), is provided with dowels (9) which project into the ceiling. The beam (2) is fastened on both sides to fireproof columns (1) in such a way as to be tension- and compression-proof. The beam-column connection is advantageously produced by a tension strap (10) or a cover plate (12). <IMAGE>

IPC 1-7

E04B 5/29

IPC 8 full level

E04B 1/30 (2006.01); **E04B 1/16** (2006.01); **E04B 5/29** (2006.01)

CPC (source: EP)

E04B 5/29 (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0290884 A2 19881117; EP 0290884 A3 19890315; EP 0290884 B1 19920902; AT E80191 T1 19920915; AU 1615688 A 19881117; AU 603668 B2 19901122; CA 1302723 C 19920609; DE 3874201 D1 19921008; JP S63308131 A 19881215; LU 86878 A1 19890119

DOCDB simple family (application)

EP 88106889 A 19880429; AT 88106889 T 19880429; AU 1615688 A 19880513; CA 566869 A 19880516; DE 3874201 T 19880429; JP 11597088 A 19880512; LU 86878 A 19870514