

Title (en)

STRUCTURAL FILLER FILLED STEEL TUBE COLUMN

Publication

**EP 0218313 B1 19910626 (EN)**

Application

**EP 86302470 A 19860403**

Priority

- JP 21045485 A 19850924
- JP 21045685 A 19850924
- JP 24104985 A 19851028
- JP 29537785 A 19851225

Abstract (en)

[origin: EP0218313A2] A structural filler filled steel tube column (20) including: a steel tube (22) having an inner face and an outer face (28); a core (26) made from the structural filler disposed within the steel tube; a separating layer (24), interposed between the inner face (28b) of the steel tube and the core (26), for separating the core from the inner face of the steel tube so that the steel tube is not bonded to the core; and an inner flange (50, 51) circumferentially mounted on the inner face (34c) of the steel tube (34) to radially inwardly project for transmitting an axial load, applied on the steel tube (22, 34), to the core (26).

IPC 1-7

**E04B 1/30**; **E04C 3/34**

IPC 8 full level

**E04B 1/16** (2006.01); **E04B 1/30** (2006.01); **E04C 3/34** (2006.01)

CPC (source: EP KR)

**E04B 1/165** (2013.01 - EP); **E04B 1/30** (2013.01 - EP); **E04C 3/04** (2013.01 - KR); **E04C 3/34** (2013.01 - EP)

Cited by

US5218802A; IT202100024860A1; EP0982447A4; US5174080A; RU2495987C2; CN104405123A; EP0308038A1; CN103422620A; FR2841579A1; CN1306127C; DE10261604B4

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**EP 0218313 A2 19870415**; **EP 0218313 A3 19890607**; **EP 0218313 B1 19910626**; CA 1273179 A 19900828; CN 1009291 B 19900822; CN 86103232 A 19870318; DE 3679957 D1 19910801; KR 870003280 A 19870416

DOCDB simple family (application)

**EP 86302470 A 19860403**; CA 505996 A 19860407; CN 86103232 A 19860506; DE 3679957 T 19860403; KR 860003052 A 19860419