

Title (en)

CONCRETE FORM ELEMENT FOR THE CONSTRUCTION IN PERMANENT FORM

Publication

EP 0137105 B1 19860528 (DE)

Application

EP 84106517 A 19830331

Priority

CH 247082 A 19820423

Abstract (en)

[origin: ES281859U] Two panel members, preferably with different thickness, made of foamed, hardened plastic material, are connected together by means of cross members made of metal, whereby the connecting flanges of the cross members have small dimensions and are foamed into the panel members with a high resistance to be pulled out. Each panel member comprises, on the upper side, a plurality of plugs and, on the lower side, a plurality of corresponding recesses. Further, there is provided an upper sealing rib and a lower sealing groove. Thereby, a plurality of formwork components can be sealingly assembled to form a shuttering for the erection of a concrete wall. Dovetailed grooves at the inner surface of the panel members ensure a reliable adhesion of the concrete on the panel members. These grooves also serve to receive separating members to form a wall termination.

IPC 1-7

E04C 1/14; **E04B 2/86**

IPC 8 full level

E04B 2/86 (2006.01); **E04C 1/39** (2006.01); **E04C 1/40** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP US)

E04B 2/8617 (2013.01 - EP US); **E04C 1/39** (2013.01 - EP US); **E04C 1/40** (2013.01 - EP US); **E04B 2002/0223** (2013.01 - EP US); **E04B 2002/8676** (2013.01 - EP US)

Cited by

FR2580698A1; ITMI20102187A1; CN103443370A; EA035161B1; US10435892B2; US10982453B2; US8881483B2; WO2012070079A3; US10584487B2; US9279243B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0137105 A1 19850417; **EP 0137105 B1 19860528**; AT E20107 T1 19860615; CA 1209364 A 19860812; CH 645152 A5 19840914; DE 3360086 D1 19850509; EP 0092693 A1 19831102; EP 0092693 B1 19850403; ES 281859 U 19850301; ES 281859 Y 19851016; IE 54163 B1 19890705; IE 830878 L 19831023; MX 158849 A 19890317; US 4731968 A 19880322; ZA 832884 B 19840125

DOCDB simple family (application)

EP 84106517 A 19830331; AT 84106517 T 19830331; CA 426542 A 19830422; CH 247082 A 19820423; DE 3360086 T 19830331; EP 83103226 A 19830331; ES 281859 U 19830422; IE 87883 A 19830418; MX 19697883 A 19830420; US 90662186 A 19860910; ZA 832884 A 19830425