

Title (en)
SELF-SUPPORTING COMPOSITE BUILDING SLAB, ESPECIALLY FALSE FLOOR SLAB

Publication
EP 0256242 A3 19891129 (DE)

Application
EP 87108500 A 19870612

Priority
DE 3627353 A 19860812

Abstract (en)
[origin: US4833845A] A shallow pan, preferably of tin-coated sheet steel, serves for the production of a self-supporting composite plate, wherein the pan forms the outside wrapper for a filler with high compression resistance, e.g., anhydrite. The pan contains a plurality of punches which provide anchoring with the filler material. To increase the bearing strength of the composite plate, the pan bottom is made up of four intersecting, shallow, bulged-out zones. These zones engage in the middle on a smooth, plate-like elevation and extend each in turn from deep areas along the intersecting symmetry axes of the pan toward the highest areas at each pan corner. The density of the punches in the pan bottom preferably increases from the inside toward the outside.

IPC 1-7
E04C 2/28; **E04C 2/50**

IPC 8 full level
E04C 2/26 (2006.01); **E04F 15/02** (2006.01); **E04F 15/024** (2006.01)

CPC (source: EP US)
E04F 15/02429 (2013.01 - EP US)

Citation (search report)
• [AP] US 4621468 A 19861111 - LIKOZAR MARTIN E [US]
• [A] GB 2030630 A 19800410 - RINTOUL PTY LTD
• [A] FR 1475402 A 19670331
• [A] EP 0152609 A2 19850828 - MERO WERKE KG [DE]

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

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US 4833845 A 19890530; AT E67000 T1 19910915; BR 8704150 A 19880412; CA 1287747 C 19910820; DE 3627353 C1 19871015; DE 3772666 D1 19911010; DK 164824 B 19920824; DK 164824 C 19930111; DK 372087 A 19880213; DK 372087 D0 19870717; EP 0256242 A2 19880224; EP 0256242 A3 19891129; EP 0256242 B1 19910904; ES 2025095 B3 19920316; JP S6347459 A 19880229

DOCDB simple family (application)
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