

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

Publication
EP 0256242 B1 19910904 (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.

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E04C 2/26; E04F 15/02

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