

Title (en)

SELF-SUPPORTING COMPOSITE SLAB FOR FALSE FLOORS, CEILINGS OR THE LIKE

Publication

**EP 0152609 A3 19861015 (DE)**

Application

**EP 84115886 A 19841220**

Priority

DE 3347061 A 19831224

Abstract (en)

[origin: EP0152609A2] 1. Self-supporting composite slab for false floors, ceilings or the like, with a tray-formed outer cladding of sheet metal, preferably sheet steel, and a hardenable mineral filling material, e.g. anhydride, which can be introduced into this cladding in flowable state, wherein the bonding action between the hardened filling material and the tray-formed cladding is created by punctures (punchings) provided in the bottom and side walls of the latter, with inwardly projecting ragged edges, and wherein moreover the tray-formed cladding is coated externally with a layer preventing the outflow of the filling material through the punctures, characterized in that the layer preventing the outflow of the mineral filling material (12), e.g. anhydrite, consists of a surface protecting and/or improving medium applied while fluid or plastic and then hardened, which closes as a continuous skin (19) the multiplicity of punctures (13) (punchings) produced similar to a grater in the tray-formed cladding (11) with suitably small clear diameter.

IPC 1-7

**E04C 2/50**; **E04C 2/06**

IPC 8 full level

**E04B 5/02** (2006.01); **E04C 2/06** (2006.01); **E04C 2/28** (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP)

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