

Title (en)
Method and system for manufacturing a composite slab, and composite slab

Title (de)
Verfahren und System zur Herstellung einer Verbundplatte und Verbundplatte

Title (fr)
Procédé et système pour la fabrication d'une dalle composite et dalle composite

Publication
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Application
EP 00660158 A 20000918

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Abstract (en)
[origin: EP1188528A1] The invention relates to a method and a system for manufacturing a composite slab and to a corresponding composite slab, which comprises a hollow-core slab (1) and a surface slab (3) placed upon it and separated from it by spacer elements (2) of elastic material. In the method, the hollow-core slab is cast upon a prestressing bed (4). The surface slab (3) is then cast directly onto the hollow-core slab (1) so that the upper surface of the hollow-core slab functions as a mould for the lower surface of the surface slab, thus giving the lower surface of the surface slab a surface relief that is complementary to the upper surface of the hollow-core slab. In the composite slab, the non-planar surface profile of the lower surface (6) of the surface slab (3) is, in the entire area of the lower surface, complementary to the surface profile of the non-planar upper surface (5) of the hollow-core slab (1), so that any distortions of the shape of the said surfaces, such as bulges and pits, are repeated in a mirror image fashion in the two opposite surfaces. The spacer elements (2) placed between the hollow-core slab (1) and the surface slab (3) are of equal thickness.
<IMAGE>

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