

Title (en)
HOLLOW PRE-STRESSED CONCRETE SLAB AND METHOD FOR PRODUCTION THEREOF

Title (de)
SPANNBETONHOHLPLATTE UND VERFAHREN ZUR HERSTELLUNG DERSELBEN

Title (fr)
DALLE CREUSE EN BETON PRECONTRAIINT ET SON PROCEDE DE FABRICATION

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Application
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Abstract (en)
[origin: WO0212649A2] The invention relates to a method for production of hollow pre-stressed concrete slabs (1), whereby several strands (2) are tensioned in parallel, either individually or groupwise, between two fixtures arranged separate from each other and are enveloped in concrete in an extrusion process, whereby cavities (3) remain, running between the strands enveloped in concrete and parallel to said strands. According to the invention, conventional hollow pre-stressed concrete slabs and the method for production thereof may be improved such that the economic advantages of using said slabs in construction is improved and the load capacity of said slabs is increased, above all in the transverse direction, making it possible to produce wider slabs, whereby a fibre concrete is used as the concrete material.

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