

Title (en)  
PRE-ASSEMBLED PLATE CONSISTING OF ARMOURED CONCRETE

Title (de)  
STAHLBETONFERTIGTEILPLATTE

Title (fr)  
PLAQUE PREFABRIQUEE EN BETON ARME

Publication  
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Application  
**EP 00962509 A 20000920**

Priority  
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Abstract (en)  
[origin: US7556208B1] The invention relates to a pre-assembled plate consisting of armored concrete, especially for the use as a component of a solid roadway for high-speed means of transport. At least two steel rods extending in the longitudinal direction of the pre-assembled plate of armored concrete (10) and protruding over the concrete surface thereof on the front face (17) are provided. The pre-assembled plate (10) is provided with at least one, preferably several, predetermined breaking points (15) which extends crosswise in relation to the steel rods (19). The steel rod (19) is anchored in the area between the front face (17) of the pre-assembled plate (10) and the first predetermined breaking point (1) respectively and is mounted in the direction towards the respective front face (17) in the longitudinal direction thereof in an essentially freely moveable manner. According to a method for producing a plate composite structure of pre-assembled plates of armored concrete (10), the pre-assembled plate (10) is placed and exactly positioned. A casting compound (42) is underpoured under the exactly positioned pre-assembled plate. The pre-assembled plate (10) is connected to the adjacent pre-assembled plate (10) by casting the joint and connecting the steel rods (19) after the casting compound (42) has hardened.

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