

Title (en)  
STRUCTURAL COMPONENT FOR ARMoured VEHICLES

Title (de)  
STRUKTURBAUTEIL FÜR GEPANZERTE FAHRZEUGE

Title (fr)  
COMPOSANT STRUCTUREL POUR VÉHICULES BLINDÉS

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Application  
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Abstract (en)  
[origin: WO2013037738A1] The invention relates to armour plating for armoured land vehicles or watercraft, comprising a base armour plate and an additional armour plate which is fixed thereto on the enemy side such that it can be removed. In particular, a structural component (10) which can be used as a base armour plate for such vehicles, and which comprises a layered structure (20) with a core composite (22) having an inner honeycomb core (25) and at least one covering layer (26) is suggested. According to the invention, said layered structure (20) does not contain supporting metal layers or ceramic, hard material layers. Another essential characteristic of the invention is that of fixture-elements (30) which are anchored in said core composite (22) to allow additional armour plating to be detachably fixed on the enemy side. Said core composite (22) therefore essentially offers basic protection itself while also acting as the carrier structure for interchangeable additional armour plating.

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