

Title (en)
MULTILAYER COMPOSITE ARMOUR

Title (de)
MEHRSCHICHTIGE VERBUNDPANZERUNG

Title (fr)
BLINDAGE COMPOSITE MULTICOUCHES

Publication
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Application
EP 02791498 A 20020712

Priority
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Abstract (en)
[origin: US2004255768A1] The invention relates to the area of armor and in particular to a multilayer armor plate having a composite layer (15, 25, 35) containing a first material made of a metal or an alloy and a second material (1, 11, 21, 31) where the second material is porous and in that said metal or said metal alloy is infiltrated into some or all of the pores of said second material (1, 11, 21, 31), and characterized in that a cage (4, 14, 24, 34) made of plates (5) having openings (6) contains said first and second materials and in that the cage (4, 14, 24, 34) is itself coated, at least partly, with said infiltration metal or alloy, the melting point of the cage material being higher than that of the infiltration metal or alloy.

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Cited by
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