

Title (en)

COMPOSITE BODY FOR A DOCUMENT OF VALUE AND/OR A SECURITY DOCUMENT COMPRISING AN INSCRIBABLE PAPER PANEL AS WELL AS A METHOD AND DEVICE FOR PRODUCING SUCH A COMPOSITE BODY

Title (de)

VERBUNDKÖRPER FÜR EIN WERT- UND/ODER SICHERHEITSDOKUMENT MIT EINEM BESCHRIFTBAREN PAPIERFELD SOWIE VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES SOLCHEN VERBUNDKÖRPERS

Title (fr)

CORPS COMPOSITE POUR UN DOCUMENT DE VALEUR ET/OU DE SÉCURITÉ PRÉSENTANT UNE ZONE DE PAPIER INSCRIPTIBLE, ET PROCÉDÉ ET DISPOSITIF PERMETTANT LA FABRICATION D UN TEL CORPS COMPOSITE

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Application

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Abstract (en)

[origin: WO2010003705A1] The invention relates to a method for producing a composite body (15, 24) with an inscription panel (2), such a composite body and a device for producing such a composite body. The method comprises the following steps: bringing the inscription panel (2) into surface-area contact with a plastic surface of a main body (9), bringing a sonotrode (12) into contact with the inscription panel (2) and using the sonotrode to introduce ultrasound into the inscription panel (2) such that the main body (9) and the inscription panel (2) are heated at their contact surface and the inscription panel is pressed against the surface of the main body (9), so that, when it cools down, a bond that cannot be broken nondestructively is formed between the main body (9) and the inscription panel (2) and produces the composite body (15; 24).

IPC 8 full level

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