

Title (en)  
METAL-PLASTIC SANDWICH SHEET AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
METALL-KUNSTSTOFF-SANDWICHBLECH UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
PLAQUE STRATIFIÉE MÉTAL-PLASTIQUE ET SON PROCÉDÉ DE FABRICATION

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Application  
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Abstract (en)  
[origin: WO2015039782A1] The invention relates to a metal-plastic sandwich sheet (18) having metallic outer sheets (1a, 12a) and at least one plastic layer (1b, 12b; 18b) which is arranged between the outer sheets and is bonded integrally to the outer sheets (1a, 12a). In order to improve a sandwich sheet of this type in respect of the further-processing properties thereof, the invention proposes that at least one of the two outer sheets (1a, 12a) is formed from a metal sheet having surfaces (1\*, 1\*\*, 12\*, 12\*\*) of differing roughnesses, wherein the difference in the roughness averages is at least 0.4 µm, preferably at least 0.5 µm. The invention is based on the concept of manufacturing the outer sheets (1a, 12a) with a differing roughness on the top and bottom side (outer and inner face) thereof, such that it is possible to freely satisfy the respective optimum in respect of the roughness desired by the customer for the outer faces of the sandwich material and also the optimum in respect of the bond between the outer sheet (1a, 12a) and the plastic layer (1b, 12b; 18b). A method for producing such a sandwich sheet (18) is also described and claimed.

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