

Title (en)

MULTILAYER, PLATE-SHAPED COMPOSITE MATERIAL USED FOR THE PRODUCTION OF COOKING UTENSILS SUITABLE FOR INDUCTION STOVETOPS BY MEANS OF SHAPING

Title (de)

MEHRSCICHTIGER, PLATTENFÖRMIGER VERBUNDWERKSTOFF ZUR HERSTELLUNG VON INDUKTIONSHERDGEEIGNETEM KOCHGESCHIRR DURCH UMFORMEN

Title (fr)

MATERIAU COMPOSITE MULTICOUCHE EN FORME DE PLAQUE POUR PRODUIRE PAR FORMAGE DES USTENSILES DE CUISSON ADAPTES AUX PLAQUES A INDUCTION

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Application

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Priority

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Abstract (en)

[origin: WO2006021101A1] The invention relates to a plate-shaped composite material that comprises several metal layers (1, 2, 3) and is used for producing cooking utensils which are suitable for induction stovetops by means deep-drawing. Said composite material is provided with two metallic outer layers (1, 2) and at least one metallic core layer (3) that is disposed between the outer layers (1, 2). At least one of the two outer layers (1) is made of aluminum or an aluminum alloy while the core layer (3) that adjoins said outer layer is made of a ferromagnetic metal or a ferromagnetic metal alloy. The inventive composite material can be coated in a simple and inexpensive manner on the outer layer made of aluminum or an aluminum alloy such that high-quality cooking utensils which are suitable for induction stovetops can be produced with a desired coating at low cost.

IPC 8 full level

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