

Title (en)

A METHOD OF MANUFACTURING A MICROWAVEABLE FLATWARE ARTICLE MADE OF SYNTHETIC MATERIAL, THE ARTICLE PRODUCED THEREBY AND AN INK-IMPRINTED FILM COMPONENT FOR USE IN MAKING THE FLATWARE ARTICLE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MIKROWELLENERHITZBAREN TISCHRESCHIRRES AUS KUNSTSTOFF, DAS SO HERGESTELLTE TISCHGESCHIRR UND EINE MIT TINTE BEDRUCKTE FILMKOMPONENTE ZUR VERWENDUNG BEI DER HERSTELLUNG DES TISCHGESCHIRRES

Title (fr)

PROCEDE DE FABRICATION D'UN ARTICLE PLAT FAIT DE MATIERE SYNTHETIQUE ET POUVANT ETRE SOUMIS A DES MICRO-ONDES, ARTICLE AINSI PRODUIT ET COMPOSANT DE TYPE FILM A IMPRESSION D'ENCRE UTILISE DANS LA FABRICATION DE CET ARTICLE PLAT

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Application

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Abstract (en)

[origin: WO9809790A1] A method of manufacturing a flatware article, such as a dish or cup that is decorated with a multi-colour design embedded in a food contacting surface of the article. The flatware article can be used in a microwave oven without causing deterioration of the multi-colour design, such as fading, bubbling or emission of harmful toxic fumes. The method comprises injecting molten polycarbonate material into a mould where is positioned a transparent film imprinted with the design. The film bonds with the polycarbonate material to form a laminated structure. The ink impression is applied on a surface of the film that bonds with the polycarbonate so the ink is embedded in the laminated structure and it is thus protected from scratches and contact by foods. The invention also extends to a novel flatware article.

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IPC 8 full level

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