Title (en)

METHOD FOR PRODUCING A DECORATIVE PANEL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER ZIERPLATTE

Title (fr)

METHODE DE REALISATION D'UN PANNEAU DECORATIF

Publication

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Application

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Abstract (en)

[origin: WO2020245083A1] The present invention relates to a method for producing a decorative panel (1), comprising the steps of taking a substrate (2) made of glass, comprising at least one first surface (4 or 5), preferably also a second surface (4 or 5), opposite said first surface (4 or 5), and optionally also at least one first edge (6, 7, 8, 9); taking one or more solid metal films (3), made of one or more metals or metal alloys; taking a laser source (13) capable of generating a pulsed laser beam (12); directly plating at least said first surface (4 or 5), by arranging said metal film or films (3) facing, at a distance or in contact, said at least first surface (3 or 4) between the substrate (2) and the laser source (13), and by applying said laser beam (12) to the metal film(s) (3) in order to transfer the metal(s) or metal alloy(s) directly onto the at least first surface (4 or 5), according to a given pattern, in order to form a coating comprising a metal layer (14) covering all or part of the at least first surface (4 or 5), the metal layer (14) comprising an upper surface (15); and surfacing said upper surface (15) of the metal coating (14) in order to modify the surface condition thereof, so as to give it the visual aspect and/or the feel of a metal that has been machined. The invention also relates to a decorative panel (1) having a visual aspect and/or the feel of a metal that has been machined.

IPC 8 full level

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