

Title (en)

METHOD FOR PRODUCING DECORATED GLASS PANELS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DEKORIERTEN GLASSCHEIBEN

Title (fr)

PROCEDE DE PRODUCTION DE PANNEAUX DE VERRE DECORES

Publication

**EP 0731758 A1 19960918 (EN)**

Application

**EP 95902194 A 19941130**

Priority

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Abstract (en)

[origin: WO9515267A1] A method of making decorated glass panels, particularly glass panels decorated with designs to simulate stone such as marble, is described. Water-slide transfers (10) are formed by printing designs simulating marble on a backing of gummed paper with an ink of glass frit and coloured metal oxides in a printing medium. Several transfers (10) are soaked in water and then removed from their backing and placed in overlapping relationship on a panel of glass (15). The transfers are cut through in the region of their overlap (16) and the surplus material removed. After drying the panel is passed through a furnace to burn off the printing medium. A coating of ceramic or vitreous enamel material (25) is applied over the design and the panel is then subjected to a second heat treatment cycle in which the glass frits and metal oxide fuse to the glass panel, the coating is baked on to the panel and the glass is toughened by rapidly heating in a furnace and then cooling.

IPC 1-7

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IPC 8 full level

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