

Title (en)

Process for manufacturing control panels, particularly for electrical household appliances

Title (de)

Verfahren zur Herstellung von Steuerpultschildern, insbesondere für elektrische Haushaltgeräte

Title (fr)

Procédé de réalisation de bandeaux de commande, notamment pour appareils électroménagers

Publication

EP 0868960 B1 19990922 (FR)

Application

EP 98440040 A 19980227

Priority

FR 9702649 A 19970303

Abstract (en)

[origin: EP0868960A1] The manufacturing process involves providing a glass plate (5) which serves as the basis for the panel. The panel may include cut-out holes (6,7) for controls to pass through the panel. The panel includes a layer of colouring material applied to its surface by screen printing (4). The specific design required for the control panel is formed by customised laser etching, enabling the formation of calibrations and markings on the panel and the formation of a design or logo (3). The printed layer may comprise a layer of vitreous enamel on a base of tempered glass. Once the required markings are formed by etching, an additional colour may be added to highlight these regions.

IPC 1-7

B23K 26/00; C03C 23/00

IPC 8 full level

A47L 15/42 (2006.01); **B41M 1/34** (2006.01); **B44C 1/22** (2006.01); **D06F 39/00** (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP US)

A47L 15/42 (2013.01 - EP); **B41M 1/34** (2013.01 - EP US); **B44C 1/228** (2013.01 - EP); **F24C 7/082** (2013.01 - EP)

Cited by

FR2843913A1; EP1403842A3; FR2858713A1; DE102015103518A1; WO0194128A1; DE202016104800U1; DE102017117062A1; EP3031785A1; US10315276B2; EP3210948A1; DE202015008937U1; DE102014118497A1; EP3061732A1; DE102015102743A1; DE102016103524A1; US10067267B2

Designated contracting state (EPC)

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FR 2760202 A1 19980904; **FR 2760202 B1 19990528**; DE 69800023 D1 19991028; DE 69800023 T2 20000531; EP 0868960 A1 19981007; EP 0868960 B1 19990922; ES 2138872 T3 20000116

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