

Title (en)

Planar element and method for the production thereof

Title (de)

Flächiges Element und Verfahren zum Herstellen desselben

Title (fr)

Élément plat et procédé pour le produire

Publication

EP 2562003 A2 20130227 (DE)

Application

EP 12189492 A 20080527

Priority

- EP 08758788 A 20080527
- DE 102007025014 A 20070527

Abstract (en)

The planar element (100) useful as decorative element, shower tub, furniture front, separator in moistening area or wetting area for shower cabins or swimming pools, comprises a support plate (10) and a coating (30) subjected to an area or side of the support plate, a multiple sealing (50), imprint and/or an inscription (40) in the form of advertisement, a background illumination by which the surface or side of the planar elements is turned way from the coating, and a design formed as cavity or hollow wall. The support substrate is formed as acryl plate or acryl component plate. The planar element (100) useful as decorative element, shower tub, furniture front, separator in moistening area or wetting area for shower cabins or swimming pools, comprises a support plate (10) and a coating (30) subjected to an area or side of the support plate, a multiple sealing (50), imprint and/or an inscription (40) in the form of advertisement, a background illumination by which the surface or side of the planar elements is turned way from the coating, and a design formed as cavity or hollow wall. The support substrate is formed as acryl plate, acryl component plate or plexiglass plate, as aluminum component plate with a plastic core or mineral core and with two aluminum cover layers, as component of a polyethylene core material with a cover plate stove-enameled in back side, as a light, stable, water permeable, heat insulated and steam braking component plate, and as plastic coated fiber plate or from etching glass out of flexible and/or unbreakable glass. The support substrate is equipped with an undercoat. The coating is formed as paint work and/or painting or in the form of a foil heatable on the support plate. An independent claim is included for a procedure for the production of planar element.

Abstract (de)

Um ein flächiges Element (100) sowie ein Verfahren zum Herstellen derartiger flächiger Elemente (100) so weiterzubilden, dass dieses flächige Element (100) einerseits auf einfache und kostengünstige Weise herstellbar ist und mit diesem flächigen Element (100) andererseits bemerkenswerte optische Effekte erzielbar sind, wird vorgeschlagen, auf mindestens eine Fläche oder Seite mindestens eines Trägersubstrats (10), insbesondere mindestens einer Trägerplatte, mindestens eine Beschichtung (30) aufzubringen.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- DE 10249223 A1 20040513 - SZYNKA HELMUT [DE]
- EP 0864444 A1 19980916 - HSB HELMUT SZYNKA GMBH [DE]

Citation (third parties)

Third party : Dr. Andrea Hrovat

- US 2004086678 A1 20040506 - CHEN HAO A [US], et al
- EP 0864444 A1 19980916 - HSB HELMUT SZYNKA GMBH [DE]
- EP 2562002 B1 20160120 - SCHNEIDER THOMAS [DE]
- "Holztechnik Fachkunde", 2005, VERLAG EUROPA LEHRMITTEL, NOURNEY, VOLLMER GMBH & CO KG

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