

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 A3 20130619 (DE)

Application

EP 12189492 A 20080527

Priority

- EP 08758788 A 20080527
- DE 102007025014 A 20070527

Abstract (en)

[origin: WO2008145341A2] The aim of the invention is to design a planar element (100) and devise a method for producing such planar elements (100) in such a way that said planar element (100) is easy and inexpensive to produce and allows remarkable optical effects to be obtained. Said aim is achieved by applying at least one coating (30) to at least one area or side of at least one support substrate (10), especially at least one support plate.

IPC 8 full level

B44C 5/04 (2006.01); **B27N 7/00** (2006.01); **E04C 2/10** (2006.01); **E04F 15/02** (2006.01); **A47B 96/20** (2006.01)

CPC (source: EP US)

A47B 96/20 (2013.01 - EP US); **B05D 1/36** (2013.01 - US); **B44C 5/04** (2013.01 - EP US); **E04C 2/26** (2013.01 - US);
E04C 2/292 (2013.01 - EP US); **E04F 13/0871** (2013.01 - EP US); **G09F 13/04** (2013.01 - EP US); **E04F 13/0866** (2013.01 - EP US);
Y10T 428/13 (2015.01 - EP US); **Y10T 428/24802** (2015.01 - EP US); **Y10T 428/31504** (2015.04 - EP US); **Y10T 428/31645** (2015.04 - EP US);
Y10T 428/31678 (2015.04 - EP US); **Y10T 428/31935** (2015.04 - EP US); **Y10T 428/31938** (2015.04 - EP US); **Y10T 428/31971** (2015.04 - EP US)

Citation (search report)

- [X] US 4293603 A 19811006 - HAYMAN-CHAFFEY CHARLES R, et al
- [X] US 4179760 A 19791225 - NAKAGAWA YASUHARU [JP]
- [X] JP 2004017636 A 20040122 - NORITZ CORP
- [XD] EP 0864444 A1 19980916 - HSB HELMUT SZYNKA GMBH [DE]
- [X] DE 9417901 U1 19950216 - STERNELLE BEATRIX [DE]
- [XI] DE 102004026739 A1 20051222 - KRONOSPACE AG MENZNAU [CH]
- [XI] DE 19532819 A1 19970313 - HOFA HOMANN VERWALTUNGSGESELLS [DE]
- [XI] DE 102004032058 A1 20050512 - EGGER BESCHICHTUNGSGESELLS [DE]
- [XI] EP 0371371 A2 19900606 - TOPAN GMBH [DE]
- [XI] US 5827592 A 19981027 - VAN GULIK MENNO [BE], et al
- [X] US 2002081393 A1 20020627 - KJELLQVIST ANN KERSTIN BIRGITT [SE], et al
- [A] EP 1681103 A2 20060719 - KRONOTEC AG [CH]
- [A] US 2006024465 A1 20060202 - BRIERE JEAN [US]

Cited by

EP2562004A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008145341 A2 20081204; WO 2008145341 A3 20090129; DE 202008018559 U1 20151113; DK 2158095 T3 20170731;
DK 2562002 T3 20160425; EP 2158095 A2 20100303; EP 2158095 B1 20170412; EP 2562002 A2 20130227; EP 2562002 A3 20130619;
EP 2562002 B1 20160120; EP 2562003 A2 20130227; EP 2562003 A3 20130619; EP 2562004 A2 20130227; EP 2562004 A3 20130612;
EP 2562004 B1 20191106; ES 2566676 T3 20160414; ES 2630007 T3 20170817; HR P20160401 T1 20160520; PL 2158095 T3 20170929;
PL 2562002 T3 20160831; PL 2562004 T3 20200518; SI 2562002 T1 20160831; US 2010238656 A1 20100923; US 2014247580 A1 20140904;
US 8714766 B2 20140506

DOCDB simple family (application)

EP 2008004203 W 20080527; DE 202008018559 U 20080527; DK 08758788 T 20080527; DK 12189491 T 20080527; EP 08758788 A 20080527;
EP 12189491 A 20080527; EP 12189492 A 20080527; EP 12189493 A 20080527; ES 08758788 T 20080527; ES 12189491 T 20080527;
HR P20160401 T 20160418; PL 08758788 T 20080527; PL 12189491 T 20080527; PL 12189493 T 20080527; SI 200831601 A 20080527;
US 201414255495 A 20140417; US 60187308 A 20080527