

Title (en)

DECORATED INJECTION-MOULDED ARTICLE, METHOD FOR PRODUCING ONE SUCH ARTICLE, AND TRANSFER FILM FOR USING IN ONE SUCH METHOD

Title (de)

DEKORIERTER SPRITZGUSSARTIKEL, VERFAHREN ZUR HERSTELLUNG EINES DEKORIERTEN SPRITZGUSSARTIKELS SOWIE TRANSFERFOLIE ZUR VERWENDUNG IN EINEM DERARTIGEN VERFAHREN

Title (fr)

ARTICLE MOULE PAR INJECTION DECORE, PROCEDE DE FABRICATION D'UN ARTICLE MOULE PAR INJECTION DECORE ET FEUILLE DE TRANSFERT DESTINEE A ETRE EMPLOUEE DANS UN TEL PROCEDE

Publication

**EP 1796892 A1 20070620 (DE)**

Application

**EP 05779413 A 20050823**

Priority

- DE 2005001486 W 20050823
- DE 102004041833 A 20040827

Abstract (en)

[origin: WO2006021199A1] The invention relates to a decorated injection-moulded article, and a method for producing a decorated injection-moulded article by means of immould technology. According to the invention, an IMD transfer film (1) comprising a peeling layer (12) consisting of highly cross-linked plastic is used. The formed decorated injection-moulded article has a high optical quality, by means of injection moulding, based on a double-sided coating of a decorative element which is optionally joined to an auxiliary film strip (2), formed by a transfer layer of a transfer film and decorates the injection-moulded article.

IPC 8 full level

**B29C 45/16** (2006.01); **B29C 45/14** (2006.01)

CPC (source: EP KR US)

**B29C 45/14** (2013.01 - KR); **B29C 45/1418** (2013.01 - EP US); **B29C 45/16** (2013.01 - KR); **B29C 45/1671** (2013.01 - EP US);  
**B29C 2045/14245** (2013.01 - EP US); **B29C 2045/14696** (2013.01 - EP US); **B29K 2995/002** (2013.01 - EP US);  
**B29K 2995/0026** (2013.01 - EP US); **B29L 2031/3041** (2013.01 - EP US); **B29L 2031/7224** (2013.01 - EP US)

Citation (search report)

See references of WO 2006021199A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102004041833 A1 20060302**; CN 101035658 A 20070912; EP 1796892 A1 20070620; JP 2008510636 A 20080410;  
JP 4989475 B2 20120801; KR 101184146 B1 20120919; KR 20070067107 A 20070627; TW 200615116 A 20060516; TW I359071 B 20120301;  
US 2007269671 A1 20071122; US 7906054 B2 20110315; WO 2006021199 A1 20060302

DOCDB simple family (application)

**DE 102004041833 A 20040827**; CN 200580033863 A 20050823; DE 2005001486 W 20050823; EP 05779413 A 20050823;  
JP 2007528587 A 20050823; KR 20077006855 A 20050823; TW 94129033 A 20050825; US 66146405 A 20050823