

Title (en)

METHOD FOR PRODUCING DECORATIVE SURFACE STRUCTURES

Title (de)

VERFAHREN ZUR ERZEUGUNG DEKORATIVER OBERFLÄCHENSTRUKTUREN

Title (fr)

PROCEDE POUR PRODUIRE DES STRUCTURES SUPERFICIELLES DECORATIVES

Publication

EP 1902159 A1 20080326 (DE)

Application

EP 06762042 A 20060614

Priority

- EP 2006005713 W 20060614
- DE 102005030272 A 20050621

Abstract (en)

[origin: WO2006136319A1] In the case of a method for producing decorative surface structures, patterns or the like on articles, in particular sanitary articles, basic bodies made of a first metal, basic bodies made of metal that are coated with a first metal or basic bodies made of plastic that are coated with a first metal are used as a basis. Then, a layer of material temporarily applied to the article is partially removed by electromagnetic radiation or by particle radiation, thereby forming a first surface structure with regions that are free from material. Subsequently, the first metal is at least partially removed in the material-free regions or the first metal or some other metal is built up in the material-free regions. This method step is followed by removal of the still present material, a second (final) surface structure being formed. Finally, further top layers can preferably be applied to the article, the second surface structure being substantially retained.

IPC 8 full level

B44C 1/22 (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP US)

B44C 1/228 (2013.01 - EP US); **B44C 3/02** (2013.01 - EP US); **C23C 28/00** (2013.01 - EP US); **C23C 28/023** (2013.01 - EP US); **C23C 28/322** (2013.01 - EP US); **C23C 28/34** (2013.01 - EP US); **C23C 28/345** (2013.01 - EP US); **C23C 28/3455** (2013.01 - EP US); **Y10T 428/12396** (2015.01 - EP US)

Citation (search report)

See references of WO 2006136319A1

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 102005030272 A1 20070104; EP 1902159 A1 20080326; US 2010159268 A1 20100624; WO 2006136319 A1 20061228

DOCDB simple family (application)

DE 102005030272 A 20050621; EP 06762042 A 20060614; EP 2006005713 W 20060614; US 99343506 A 20060614