Title (en)
COLOR-TREATED BASE MATERIAL AND BASE MATERIAL COLOR TREATMENT METHOD THEREFOR

Title (de)
FARBBEHANDELTES BASISMATERIAL UND BASISMATERIALFARBBEHANDLUNGSVERFAHREN DAFÜR

Title (fr)
MATIÈRE DE BASE À COULEUR TRAITÉE ET PROCÉDÉ DE TRAITEMENT DE COULEUR DE MATIÈRE DE BASE POUR CETTE DERNIÈRE

Publication
EP 3088564 B1 20190522 (EN)

Application
EP 14874919 A 20141226

Priority
- KR 20130164044 A 20131226
- KR 20130164045 A 20131226
- KR 20130164046 A 20131226
- KR 20130164047 A 20131226
- KR 2014012920 W 20141226

Abstract (en)
[origin: EP3088562A1] This color-treated base material, which comprises a matrix comprising magnesium, a film formed on the matrix and containing a compound represented by chemical formula 1, and a wavelength conversion layer formed on the film, can improve the durability of the base material while maintaining the unique metal texture and gloss of the base material and can uniformly realize various colors, such as blue and green, including an achromatic color such as black, on the surface of the base material and thus can be usefully used in the fields of building exterior materials, automobile interiors, and particularly electrical/electronic component materials, such as mobile product frames, in which a metal material is used.

IPC 8 full level
C23C 22/46 (2006.01); **C23C 22/60** (2006.01); **C23C 22/73** (2006.01); **C23C 22/83** (2006.01); **C23C 22/84** (2006.01)

CPC (source: EP)
C23C 22/60 (2013.01); **C23C 22/62** (2013.01); **C23C 22/64** (2013.01); **C23C 22/73** (2013.01); **C23C 22/83** (2013.01); **C23C 28/324** (2013.01); **C23C 28/34** (2013.01); **C23C 30/00** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3088562 A1 20161102; **EP 3088562 A4 20170308**; **EP 3088562 B1 20190508**; CN 105849313 A 20160810; CN 105849313 B 20180309; CN 105849314 A 20160810; CN 105849314 B 20180626; CN 105849315 A 20160810; CN 105849315 B 20180921; EP 3088563 A1 20161102; EP 3088563 A4 20170308; EP 3088563 B1 20190515; EP 3088564 A1 20161102; EP 3088564 A4 20170308; EP 3088564 B1 20190522; EP 3088565 A1 20161102; EP 3088565 A4 20170308; EP 3088565 B1 20190612; EP 3088565 B9 20191023; EP 3088566 A1 20161102; EP 3088566 A4 20170308; EP 3088566 B1 20180815

DOCDB simple family (application)
EP 14873790 A 20141226; CN 201480071014 A 20141226; CN 201480071333 A 20141226; CN 201480071367 A 20141226; EP 14874603 A 20141226; EP 14874919 A 20141226; EP 14875156 A 20141226; EP 14875687 A 20141226