

Title (en)

CONVERSION FILM AND METHOD FOR PRODUCING THE SAME

Title (de)

KONVERSIONSFOLIE UND EIN VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

FEUILLE DE CONVERSION ET PROCÉDÉ DE FABRICATION

Publication

**EP 2332184 A1 20110615 (DE)**

Application

**EP 09778063 A 20090822**

Priority

- EP 2009006114 W 20090822
- EP 08015571 A 20080904
- EP 09778063 A 20090822

Abstract (en)

[origin: EP2161763A1] The foil has a substrate (1) provided in thickness of 125 micrometers to 275 micrometers, and conversion layers (3) in which deviations in conversion characteristics of measuring points of sizes of 0.005 to 0.05 square mm are equal or smaller than preset differences in color coordinates in a color space international commission on illumination 1931. The foil is provided with a protection layer (5) and/or a cover foil, a translucent color layer (4) and a graphic layer. The conversion layers exhibit conversion pigments. Independent claims are also included for the following: (1) a method for manufacturing a conversion foil (2) a device comprising a light emitting element.

IPC 8 full level

**H01L 33/00** (2010.01); **H05B 33/22** (2006.01)

CPC (source: EP US)

**H05B 33/22** (2013.01 - EP US); **H01L 33/505** (2013.01 - EP US); **H10K 50/125** (2023.02 - EP US); **Y10T 428/24975** (2015.01 - EP US); **Y10T 428/266** (2015.01 - EP US); **Y10T 428/31504** (2015.04 - EP US); **Y10T 428/31551** (2015.04 - EP US); **Y10T 428/31721** (2015.04 - EP US); **Y10T 428/31725** (2015.04 - EP US); **Y10T 428/31855** (2015.04 - EP US)

Citation (search report)

See references of WO 2010025849A1

Citation (examination)

WO 2007139033 A1 20071206 - FUJIFILM CORP [JP], et al

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2161763 A1 20100310**; CN 102203963 A 20110928; EP 2332184 A1 20110615; JP 2012502455 A 20120126; KR 20110048588 A 20110511; TW 201022598 A 20100616; US 2011217530 A1 20110908; WO 2010025849 A1 20100311; WO 2010025849 A8 20110407

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**EP 08015571 A 20080904**; CN 200980143966 A 20090822; EP 09778063 A 20090822; EP 2009006114 W 20090822; JP 2011525442 A 20090822; KR 20117007653 A 20090822; TW 98129637 A 20090903; US 200913061764 A 20090822