

Title (en)

COATING COMPOSITION FOR ANTIREFLECTION, ANTIREFLECTION FILM AND METHOD FOR PREPARING THE SAME

Title (de)

ANTIREFLEKTIVE BESCHICHTUNGSZUSAMMENSETZUNG, ANTIREFLEXIONSFOLIE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

COMPOSITION DE REVETEMENT ANTIREFLET, FILM ANTIREFLET ET PROCEDE DE PREPARATION ASSOCIE

Publication

**EP 2209855 A2 20100728 (EN)**

Application

**EP 08849489 A 20081113**

Priority

- KR 2008006703 W 20081113
- KR 20070115329 A 20071113
- KR 20070115348 A 20071113
- KR 20070115967 A 20071114
- KR 20080035891 A 20080418

Abstract (en)

[origin: WO2009064128A2] The present invention provides a coating composition for ant iref lection that includes a low refractive material having a refractive index of 1.2 to 1.45 and a high refractive resin having a refractive index of 1.46 to 2, in which the difference in the surface energy between two materials is 5 mN/m or more; an ant iref lection film manufactured using the coating composition for ant iref lection; and a method of manufacturing the ant iref lect ion film. According to the present invention, the ant iref lect ion film having excellent abrasion resistance and antiref lection characteristic can be manufactured using a single composition by one coating process, thereby reducing manufacturing cost.

IPC 8 full level

**C09D 7/12** (2006.01); **C09D 7/61** (2018.01); **C09D 7/65** (2018.01); **G02B 1/11** (2006.01); **G02B 5/30** (2006.01)

CPC (source: EP KR US)

**B82B 3/00** (2013.01 - KR); **C09D 5/00** (2013.01 - KR); **C09D 5/006** (2013.01 - EP US); **C09D 7/42** (2017.12 - EP US); **C09D 7/61** (2017.12 - EP US); **C09D 7/65** (2017.12 - EP US); **C09D 7/67** (2017.12 - EP); **C09D 7/68** (2017.12 - EP); **C09D 133/08** (2013.01 - KR); **C09D 183/04** (2013.01 - EP); **C09D 183/08** (2013.01 - EP); **G02B 1/111** (2013.01 - EP); **G02B 5/3033** (2013.01 - EP); **B82Y 30/00** (2013.01 - KR); **C08K 3/16** (2013.01 - EP); **C08K 7/22** (2013.01 - EP)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**WO 2009064128 A2 20090522**; **WO 2009064128 A3 20090813**; CN 101855303 A 20101006; CN 101855303 B 20120905; EP 2209855 A2 20100728; EP 2209855 A4 20110406; JP 2011503658 A 20110127; KR 101009821 B1 20110119; KR 20090049558 A 20090518

DOCDB simple family (application)

**KR 2008006703 W 20081113**; CN 200880116007 A 20081113; EP 08849489 A 20081113; JP 2010533965 A 20081113; KR 20080112971 A 20081113