

Title (en)

ANTI-REFLECTING COATINGS FOR SOLAR BATTERIES AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

ENTSPIEGELUNGSSCHICHTEN FÜR SONNENBATTERIEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

REVETEMENTS ANTI-REFLECHISSANTS POUR PILES SOLAIRES ET PROCEDE POUR LES FABRIQUER

Publication

EP 1774369 A1 20070418 (FR)

Application

EP 05775776 A 20050601

Priority

- FR 2005001341 W 20050601
- FR 0405933 A 20040602

Abstract (en)

[origin: WO2006000688A1] The invention relates to an anti-reflecting coating (20) comprising a combined inner coating (21), made of anti-reflecting silicon, and outer coating (22) made of carbon in the form of an amorphous diamond which is essentially non-porous and essentially devoid of foreign species. The invention also relates to a method for the production of an anti-reflecting coating and to the use thereof as a coating for a solar batter (10). The coating is less likely to deteriorate with time and can improve the spectral domain of efficient conversion of radiation.

IPC 8 full level

G02B 1/11 (2006.01); **H01L 31/0216** (2006.01); **H01L 31/04** (2006.01)

CPC (source: EP US)

G02B 1/113 (2013.01 - EP US); **H01L 31/02168** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2006000688A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2871243 A1 20051209; FR 2871243 B1 20060908; EP 1774369 A1 20070418; US 2008193635 A1 20080814; WO 2006000688 A1 20060105

DOCDB simple family (application)

FR 0405933 A 20040602; EP 05775776 A 20050601; FR 2005001341 W 20050601; US 62847105 A 20050601