

Title (en)
ANTIREFLECTION COATINGS INCLUDING SCATTERED OBJECTS HAVING TWO SEPARATE RANGES WITH SEPARATE REFRACTION INDICES

Title (de)
ANTIREFLEXBESCHICHTUNGEN MIT GESTREUTEN OBJEKTEN UND ZWEI SEPARATEN BEREICHEN MIT SEPARATEN BRECHUNGSINDIZIES

Title (fr)
REVÊTEMENTS ANTI-REFLET COMPRENANT DES OBJETS DISPERSÉS PRÉSENTANT DEUX DOMAINES SÉPARÉS AYANT DES INDICES DE RÉFRACTION DISTINCTS

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Application
EP 09748431 A 20090923

Priority
• FR 2009051802 W 20090923
• FR 0856406 A 20080923

Abstract (en)
[origin: WO2010034936A1] The present invention relates to a surface treatment method making it possible to confer upon the surface of a substrate antireflection properties with respect to electromagnetic radiation. A coating that is transparent with respect to said electromagnetic radiation is deposited on said surface and contains, in the scattered state within said layer, objects of less than 5 microns in size that include: - a core having a first refraction index n_c , and a so-called skin layer, which surrounds the core and has a second refraction index n_E separate from the refraction index n_c of the core, where the ratio of the dimensions of the core to the dimensions of the core and the skin together is 1:1.5 to 1:5. The invention also relates to the coated substrates obtained according to said method.

IPC 8 full level
G02B 1/11 (2006.01)

CPC (source: EP US)
G02B 1/111 (2013.01 - EP US)

Citation (search report)
See references of WO 2010034936A1

Citation (examination)
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