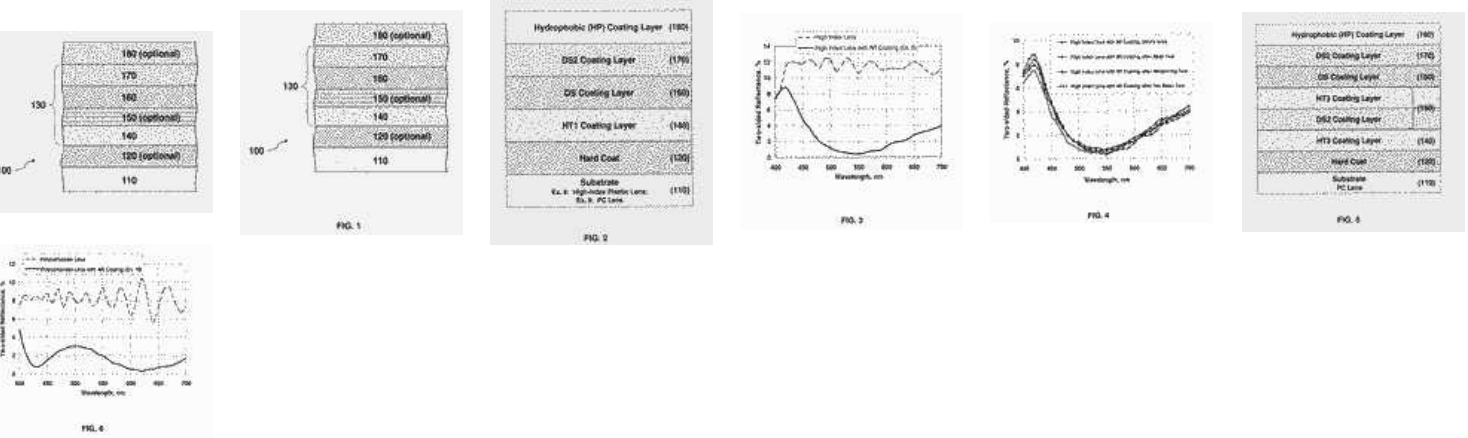
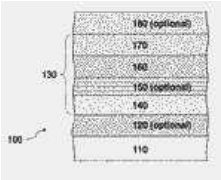


4 results for Cited Patents In category X or Y - Collection: FAMPAT

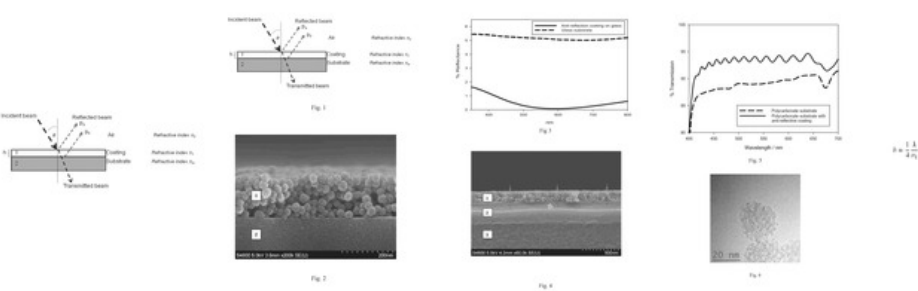
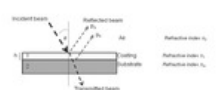
#	Título	Número de publicación	1st App. fecha	Solicitante / cesionario	1st Publ. fecha	Publ. fecha
1.	Recubrimientos antirreflectantes duraderos	US2012019915	2011-09-28	YAZAKI *	2012-01-26	2012-01-26

An article comprising a substrate and an anti-reflection coating, and methods for depositing the coating, are disclosed. The coating comprises (a) a first coating layer having a high refractive index deposited on the substrate; (b) an epoxide-silica coating layer deposited onto the high refractive index coating layer, comprising an inorganic silica component and an organic organo-silicate component, and (c) a silica coating layer consisting essentially of silica, deposited directly onto the epoxide-silica coating layer. The anti-reflection coating optionally comprises a stack of coating layers, between the first high refractive index coating layer and the epoxide-silica coating layer, having alternating a low refractive index and a high refractive index. Individual coating layer compositions, refractive indexes, and thicknesses are carefully controlled such that reflectance is minimized through destructive interference in the visible light wavelength range of 400 to 700 nm. The resulting deposited coating provides excellent mechanical, chemical, and environmental durability.



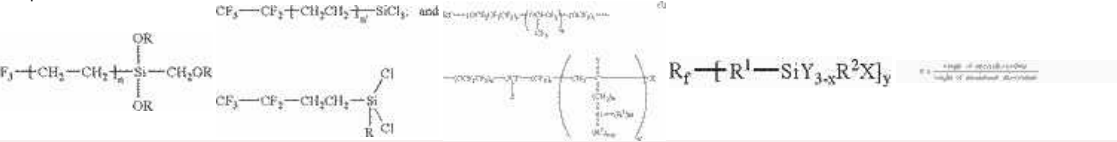
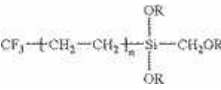
2.	Optical coating comprising porous silica nanoparticles	GB201014024	2010-08-20	OXFORD ENERGY TECHNOLOGIES*	2010-10-06	2010-10-06
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An optical coating comprising a binder and a plurality of porous silica nanoparticles in which the pores are randomly oriented, a solution for forming an optical coating comprising a solvent and a plurality of porous silica nanoparticles in which the pores are randomly oriented, a method for fabricating an optical coating, and the use of porous silica nanoparticles in which the pores are randomly oriented in the manufacture of an optical coating.



3.	Process for replacing an initial outermost coating layer of a coated optical lens by a different coating layer	US2004253369	2003-06-13	ESSILOR INTERNATIONAL*	2004-12-16	2004-12-16
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La invención se refiere a un procedimiento para reemplazar una capa de revestimiento más externa inicial de una lente óptica revestida con una capa de un nuevo revestimiento final que tiene propiedades superficiales diferentes de las de dicho revestimiento inicial más externo que comprende: (a) proporcionar una lente óptica revestida que tiene una capa de revestimiento más externa que tiene un ángulo de contacto superficial con agua de al menos 65 °; (b) someter la capa de revestimiento más externa inicial a un tratamiento con especies químicas activadas a aproximadamente presión atmosférica, y durante menos de un minuto, para obtener una superficie tratada que tiene un ángulo de contacto con agua de 10° o menos; y (c) depositar sobre dicha superficie tratada una capa de un recubrimiento final que tiene propiedades de superficie diferentes de las de dicho revestimiento inicial más externo.



An optical article including a substrate coated with a coating comprising, on the surface thereof, silanol groups and, in direct contact with this coating, a precursor coating of an anti-fogging coating, said precursor coating having a static contact angle with water greater than 10° and less than 50° and a thickness less than or equal to 5 nm and being obtained by the grafting of at least one organosilane compound having a polyoxyalkylene group comprising less than 80 carbon atoms and at least one silicon atom bearing at least one hydrolysable group. The anti-fogging coating precursor is converted into the actual anti-fogging coating upon application to the surface thereof of a film of a liquid solution containing at least one surface active agent. The anti-fogging coating is immediately operational and provides long-lasting effects.

