

Title (en)
METHOD FOR THE PERPENDICULAR ORIENTATION OF NANODOMAINS OF BLOCK COPOLYMERS, USING STATISTICAL OR GRADIENT COPOLYMERS, THE MONOMERS OF WHICH DIFFER AT LEAST IN PART FROM THOSE PRESENT IN EACH OF THE BLOCKS OF THE BLOCK COPOLYMER

Title (de)
VERFAHREN ZUR SENKRECHTEN AUSRICHTUNG VON NANODOMÄNEN VON BLOCKCOPOLYMEREN MITTELS STATISTISCHER ODER GRADIENTENCOPOLYMERE, DEREN MONOMERE SICH ZUMINDEST TEILWEISE VON JENEN IN JEDEM DER BLÖCKE DES BLOCKCOPOLYMER VORHANDENEN UNTERSCHIEDEN

Title (fr)
PROCEDE D'ORIENTATION PERPENDICULAIRE DE NANODOMAINES DE COPOLYMERES A BLOCS PAR L'UTILISATION DE COPOLYMERES STATISTIQUES OU A GRADIENT DONT LES MONOMERES SONT AU MOINS EN PARTIE DIFFERENTS DE CEUX PRESENTS RESPECTIVEMENT DANS CHACUN DES BLOCS DU COPOLYMERE A BLOCS

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Abstract (en)
[origin: WO2015004392A1] A method for the perpendicular orientation of nanodomains of block copolymers, using statistical or gradient copolymers the monomers of which differ at least in part from the monomers present in each of the blocks of the block copolymer. The present invention relates to a method for the perpendicular orientation of nanodomains of block copolymers on a substrate, using an underlayer of statistical or gradient copolymers, the monomers of which differ at least in part from those present in each of the blocks of the block copolymers.

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See references of WO 2015004392A1

Citation (examination)
• US 2011147984 A1 20110623 - CHENG JOY [US], et al
• P.MANSKI ET AL: "Controlling Polymer-Surface Interactions with Random Copolymer Brushes", SCIENCE, vol. 275, no. 5305, 7 March 1997 (1997-03-07), pages 1458 - 1460, XP055017500, DOI: 10.1126/science.275.5305.1458

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