Title (en)

METHOD FOR CONTROLLING THE SURFACE ENERGY AT THE INTERFACE BETWEEN A BLOCK COPOLYMER AND ANOTHER COMPOUND

Title (de)

VERFAHREN ZUR STEUERUNG DER OBERFLÄCHENENERGIE AN DER SCHNITTSTELLE ZWISCHEN EINEM BLOCKCOPOLYMER UND EINER ANDEREN VERBINDUNG

Title (fr)

PROCÉDÉ DE CONTRÔLE DE L'ÉNERGIE DE SURFACE A L'INTERFACE ENTRE UN COPOLYMERE A BLOCS ET UN AUTRE COMPOSÉ

Publication

EP 3304198 A1 20180411 (FR)

Application

EP 16730881 A 20160526

Priority

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Abstract (en)

[origin: WO2016193582A1] The invention concerns a method for controlling the surface energy at the top interface of a block copolymer (BPC1), the bottom interface of which is in contact with a previously neutralised surface of a substrate, so as to obtain an orientation of the nano-domains of said block copolymer (BPC1) perpendicular to the two bottom and top interfaces, said method consisting of covering the top surface of said block copolymer (BPC1) with a top surface neutralisation layer (TC), and being characterised in that said top surface neutralisation layer (TC) is constituted by a second block copolymer (BPC2).

IPC 8 full level

G03F 7/00 (2006.01)

CPC (source: EP KR US)

G03F 7/0002 (2013.01 - EP KR US); **G03F 7/004** (2013.01 - KR); **G03F 7/168** (2013.01 - US); **G03F 7/2002** (2013.01 - US)

Citation (search report)

See references of WO 2016193582A1

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