

Title (en)  
PROCESS FOR PREPARING A TRIBLOCK COPOLYMER COMPRISING A SEMI-CRYSTALLINE AND/OR HYDROLYSABLE BLOCK, AN ELASTOMERIC BLOCK AND AN AMORPHOUS BLOCK

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES TRIBLOCK-COPOLYMERS MIT EINEM TEILKRISTALLINEN UND/ODER HYDROLYSIERBAREN BLOCK, EINEM ELASTOMEREN BLOCK UND EINEM AMORPHEN BLOCK

Title (fr)  
PROCEDE DE PREPARATION D'UN COPOLYMER TRIBLOC COMPRENANT UN BLOC SEMI-CRISTALLIN ET/OU HYDROLYSABLE, UN BLOC ELASTOMERE ET UN BLOC AMORPHE

Publication  
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Application  
**EP 07820357 A 20070919**

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Abstract (en)  
[origin: WO2008034849A1] The invention relates to a process for preparing a block copolymer comprising a sequence comprising successively a semi-crystalline and/or hydrolysable block, an elastomeric block and an amorphous block, said process comprising the following steps: a) a step of 1,2-addition, on an ethylenic end group of a semi-crystalline and/or hydrolysable polymer, of an alkoxy amine that may correspond to the following formula (II): b) a step of addition, to the medium derived from step a), of one or more monomers that are precursors of the elastomeric block, as a result of which a semi-crystalline block-b-elastomeric block diblock copolymer is obtained; c) a step of addition, to the medium derived from step b), of one or more monomers that are precursors of the amorphous block, as a result of which the semi-crystalline and/or hydrolysable block-b-elastomeric block-b-amorphous block triblock copolymer is obtained. Use of the copolymers obtained as amorphous matrix impact modifier.

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