

Title (en)
MICROSTRUCTURE CHAIN TRANSFER AGENTS FOR ANIONIC POLYMERIZATION

Title (de)
MIKROSTRUKTURREGLER FÜR DIE ANIONISCHE POLYMERISATION

Title (fr)
REGULATEUR DE MICROSTRUCTURES POUR LA POLYMERISATION ANIONIQUE

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Abstract (en)
[origin: WO2004014966A1] The invention relates to a method for producing optionally coupled, non-blocked polymers based on conjugated dienes or optionally coupled, non-blocked copolymers based on conjugated dienes and vinyl aromatic compounds by anionic polymerization in an inert organic solvent in the presence of a lithium organic compound as initiator and a microstructure chain transfer agent and/or randomizer, certain ether compounds being used as the microstructure chain transfer agent and/or randomizer. The polymers produced in this manner are particularly suitable for producing damping materials, tires and tire components (e.g. tire treads or side walls) and commercial rubber products.

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