

Title (en)
CONTINUOUS ESTERIFICATION AND/OR AMIDIFICATION METHOD, WITHOUT ORGANIC SOLVENT, OF AN ACID COPOLYMER OR HOMOPOLYMER

Title (de)
KONTINUIERLICHES VERESTERUNGS- UND/ODER AMIDIERUNGSVERFAHREN OHNE ORGANISCHES LÖSUNGSMITTEL EINES SÄURECOPOLYMERS ODER HOMOPOLYMERS

Title (fr)
PROCEDE CONTINU D'ESTERIFICATION ET/OU D'AMIDIFICATION, SANS SOLVANT ORGANIQUE, D'UN HOMOPOLYMER OU COPOLYMER ACIDE

Publication
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Application
EP 15817484 A 20151207

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Abstract (en)
[origin: CA2963864A1] The invention relates to a continuous method for producing a comb polymer, without organic solvent, by esterification and/or amidification of an acid copolymer or homopolymer, consisting in esterifying and/or amidifying said copolymer/homopolymer by hot reaction in the zone for mixture and transport of a tube reactor, optionally provided with a water elimination system, in the presence of at least one poly(alkylene glycol) in a solid form or in a melted form and an antioxidant, said esterification and/or amidification being carried out at a temperature higher than or equal to 170°C.

IPC 8 full level
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