

Title (en)
METHOD FOR PRODUCING HIGHLY FUNCTIONAL, HYPER BRANCHED POLYESTER BY MEANS OF ENZYMATIC ESTERIFICATION

Title (de)
VERFAHREN ZUR HERSTELLUNG HOCHFUNKTIONELLER, HYPERVERZWEIGTER POLYESTER DURCH ENZYMATISCHE VERESTERUNG

Title (fr)
PROCEDE POUR PRODUIRE DES POLYESTERS HYPER-RAMIFIES A FONCTIONNALITE ELEVEE PAR ESTERIFICATION ENZYMATIQUE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO03054204A1] The invention relates to a method for producing highly functional, hyper branched polyester, characterised by the reaction of a reaction solution containing solvent and (a) one or more dicarboxylic acids or one or more derivatives thereof with one or more at least trifunctional alcohols, (b) or one or more tricarboxylic acids or high polycarboxylic acids or one or more derivatives thereof with one or more diols, (c) or one or more tricarboxylic acids or higher polycarboxylic acids or one or more derivatives thereof with one or more trifunctional alcohols, (d) or one or more di- or polyhydroxycarboxylic acids, (e) or one or more hydroxydicarboxylic acids or hydroxypolycarboxylic acids, or a mixture of at least two of the above-mentioned reaction solutions in the presence of an enzyme at temperatures greater than 60 DEG C and at a pressure which is greater than 500mbar.

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C12P 7/62

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Citation (search report)
See references of WO 03054204A1

Citation (examination)

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