

Title (en)

POLYMERISATES OF UNSATURATED SACCHARIDE ACIDS AND THEIR DERIVATIVES, COPOLYMERISATES THEREOF WITH ETHYLENICALLY UNSATURATED COMPOUNDS AND METHOD FOR PREPARING THE SAME

Title (de)

POLYMERISATE AUS UNGESÄTTIGTEN SACCHARIDSÄUREN UND DEREN DERIVATEN SOWIE DEREN COPOLYMERISATE MIT ETHYLENISCH UNGESÄTTIGTEN VERBINDUNGEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

POLYMERISATS D'ACIDES SACCHARIQUES INSATURES ET LEURS DERIVES AINSI QUE LEURS COPOLYMERISATS AVEC DES COMPOSES ETHYLENIQUEMENT INSATURES, ET LEUR PROCEDE DE PREPARATION

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Application

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Abstract (en)

[origin: DE19727362A1] The present invention relates to new polymerisates of unsaturated saccharide acids (aldonic, uronic or arsenial acids) as well as to the salts or derivatives thereof, wherein said polymerisates contain a double bond in the ring or in the open-chain form. This invention also relates to copolymerisates with ethylenically unsaturated compounds. These compounds are prepared and obtained by the radical-initiated (homo-, co-) polymerisation of (A) ethylenically unsaturated monosaccharide, disaccharide or oligosaccharide acids and acid derivatives such as esters, amides or nitriles which contain a double bond in the ring (endocyclic) or in the open-chain form, of unsaturated chemically-protected or not and enzymatically or chemically modified mono-, di- or oligosaccharide acids and of derivatives or blends of the above-mentioned precipitated compounds (A), or else by the copolymerisation of the constituents (A) with (B) monomers or monomer mixtures of ethylenically unsaturated compounds.

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