Title (en)

METHOD OF PREPARING PREGELATINIZED, PARTIALLY HYDROLYZED STARCH AND RELATED METHODS AND PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VORGELATINISIERTER, TEILWEISE HYDROLYSIERTER STÄRKE SOWIE VERWANDTE VERFAHREN UND PRODUKTE

Title (fr)

PROCÉDÉ DE PRÉPARATION D'AMIDON PRÉGÉLATINISÉ PARTIELLEMENT HYDROLISÉ ET PROCÉDÉS ET PRODUITS ASSOCIÉS

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Abstract (en)

[origin: WO2015050804A1] Disclosed are methods relating to an extruded pregelatinized, partially hydrolyzed starch prepared by mixing at least water, non-pregelatinized starch, and acid to form a starch precursor. The acid can be a weak acid that substantially avoids chelating calcium ions or a strong acid in a small amount. In the method, pregelatinization and acid-modification of the starch precursor occurs in one step in an extruder. Also disclosed are methods of preparing board using the starch prepared according to the methods, as well as starches and boards prepared by various methods of the invention.

IPC 8 full level

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