

Title (en)
IMPROVED ENZYME THINNED STARCHES

Title (de)
VERBESSERTE, MIT ENZYM VERFLÜSSIGTE STÄRKE

Title (fr)
AMIDONS DILUES PAR ENZYME

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Application
EP 99948077 A 19990831

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Abstract (en)
[origin: WO0012746A1] The invention provides a method of preparing a stable enzyme-thinned starch dispersion characterized by a selected degree of thinning including the steps of: (a) combining a derivatized granular starch with an alpha-amylase enzyme to form a starch/enzyme slurry; (b) passing said starch/enzyme slurry through a jet cooker under conditions selected to gelatinize the starch; (c) treating the starch/enzyme slurry to complete gelatinization and achieve the selected degree of thinning such that the concentration of starch hydrolyzate product having a molecular weight greater than 1,000,000 daltons is 5 % or greater; and (d) deactivating the enzyme.

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