

Title (en)

A PROCESS FOR THE IMPROVEMENT OF GEL FORMATION OR VISCOSITY INCREASE

Title (de)

VERFAHREN ZUR VERBESSERUNG DER GELBILDUNG ODER ZUR ERHÖHUNG DER VISKOSITÄT

Title (fr)

PROCEDE VISANT A AMELIORER LA GELIFICATION OU A AUGMENTER LA VISCOSITE

Publication

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Application

EP 96930032 A 19960917

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Abstract (en)

[origin: WO9710726A1] A process for increasing the viscosity or gel strength of certain food products is disclosed. By the process a pectinaceous homogenate or slurry is subjected to: a) a treatment with a mixture of enzymes, comprising one or more among galactanases, arabinanases, alpha-arabinofuranosidases, rhamnogalacturonan acetyl esterases (RGAE), endoglucanases, mannanases, xylanases, and proteolytic enzymes; b) a treatment with a pectinesterase (PE), which PE is essentially free from pectic depolymerizing enzymes; followed by c) an enzyme inactivating treatment; said process being performed in the presence of divalent metal ions, especially Ca²⁺, said ions being inherently present in said homogenate or slurry, or said ions being added at any time prior to, during or after the process steps (a) to (c). The final product may be a jam, marmalade, jelly, juice, paste, soup, dressing, sauce, condiment, ketchup, salsa, chutney, pudding, mousse, or other dessert.

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