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(54) Title: PROCESS OF PRODUCING ARGININE EMPLOYING CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OR CORYNEBACTERIUM GLUTAMICUM ATCC 21493 IN A AFERMENTATION MEDIUM COMPRISING CASSAVA BAGASSE OR JACKFRUIT SEED AS A CARBON SOURCE

(57) Abstract: Disclosed are processes for producing Arginine by fermentation in which sugars obtained by enzymatic starch hydrolysis from inexpensive starch containing agro-wastes, such as Cassava bagasse and Jackfruit seed powder, are fermented in the presence of microorganisms to produce a fermented liquor containing Arginine, and recovering Arginine from the liquor. The process can economically be scaled up for the production of Arginine from unrefined sugar sources as it produced Arginine in higher yields, when compared to more expensive synthetic carbon sources, like dextrose or sucrose.



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