

Title (en)

IMPROVED PROCESS FOR CLAVULANIC ACID PRODUCTION

Title (de)

VERBESSERTES VERFAHREN ZUR HERSTELLUNG VON CLAVULANSÄURE

Title (fr)

PROCEDE AMELIORE DE PRODUCTION D'ACIDE CLAVULANIQUE

Publication

EP 1098989 A1 20010516 (EN)

Application

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- PT 9900012 W 19990719
- PT 10218198 A 19980720

Abstract (en)

[origin: WO0005397A1] The present invention concerns a process for clavulanic acid production by aerobic fermentation using selected and/or culture collection strains of *Streptomyces clavuligerus*, or mutants thereof. Accordingly, the culture is carried out with continuous or semicontinuous feeding of one or more organic nitrogen complex sources, preferably soybean meal, so as to control the protein concentration in the filtered broth within certain limits during the time course of the fermentation. The described conditions led to significant improvements in the clavulanic acid fermentation.

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