

Title (en)

CONVERSION OF SUCROSE TO ETHANOL AND OTHER PRODUCTS USING -i(ZYMOMONAS MOBILIS).

Title (de)

UMWANDLUNG VON SUKROSE IN ÄTHANOL UND ANDEREN ERZEUGNISSEN MITTELS-I(ZYMOMONAS MOBILIS).

Title (fr)

CONVERSION DE SUCROSE EN ETHANOL ET AUTRES PRODUITS EN UTILISANT LE -i(ZYMOMONAS MOBILIS).

Publication

EP 0250407 A4 19880627 (EN)

Application

EP 86901306 A 19860220

Priority

- AU PH181185 A 19850806
- AU PG939685 A 19850221

Abstract (en)

[origin: WO8604925A1] A single-stage fermentation process under micro-aerophilic conditions for the commercial production of ethanol with fructose and/or sorbitol from sucrose-based materials or glucose-fructose mixtures using strains of \$(Zymomonas mobilis). Fructose utilization negative mutant strains of \$(Zymomonas mobilis) have been developed which improve the fermentation efficiency.

IPC 1-7

C12P 7/06; **C12N 1/20**

IPC 8 full level

C12P 7/06 (2006.01); **A01G 25/06** (2006.01)

CPC (source: EP KR)

C12P 7/06 (2013.01 - KR); **C12P 7/065** (2013.01 - EP); **Y02E 50/10** (2013.01 - EP)

Citation (search report)

- [X] CHEMICAL ABSTRACTS, vol. 102, no. 3, 21st January 1985, page 543, abstract no. 22777k, Columbus, Ohio, US; H.C. LEE et al.: "Comparison of ethanol production by different isolates of Zymomonas mobilis after nitrosoguanidine treatment", & CHUNG-KUO NUNG YEH HUA HSUEH HUI CHIH 1984, 22(1-2), 34-45
- See references of WO 8604925A1

Cited by

US5102795A

Designated contracting state (EPC)

AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)

WO 8604925 A1 19860828; BR 8607056 A 19880223; EP 0250407 A1 19880107; EP 0250407 A4 19880627; ES 552218 A0 19870901; ES 8708011 A1 19870901; GB 2191784 A 19871223; GB 8718572 D0 19870909; HU T45560 A 19880728; KR 870700098 A 19870228; NL 8600431 A 19860916; NZ 215231 A 19890106; ZW 4586 A1 19861119

DOCDB simple family (application)

AU 8600042 W 19860220; BR 8607056 A 19860220; EP 86901306 A 19860220; ES 552218 A 19860220; GB 8718572 A 19860220; HU 200986 A 19860220; KR 860700711 A 19861011; NL 8600431 A 19860220; NZ 21523186 A 19860220; ZW 4586 A 19860221