

Title (en)

A DNA MOLECULE FOR EXPRESSION OF BILE SALT-STIMULATED LIPASE (BSSL)

Title (de)

DNA-MOLEKÜL FÜR DIE EXPRESSION VON GALLSÄURE-INDUZIERTER LIPASE

Title (fr)

MOLECULES D'ADN POUR L'EXPRESSION DE LA LIPASE STIMULEE PAR LES SELS BILIAIRES (BSSL)

Publication

EP 0832257 A1 19980401 (EN)

Application

EP 96908415 A 19960312

Priority

- SE 9600318 W 19960312
- SE 9501939 A 19950524

Abstract (en)

[origin: WO9637622A1] The invention relates to DNA molecules, recombinant vectors and cell cultures for use in methods for expression of bile salt-stimulated lipase (BSSL) in the methylotrophic yeast *Pichia pastoris*. The DNA molecule comprising: (a) a region coding for a polypeptide which is human BSSL or a biologically active variant thereof; (b) joined to the 5'-end of said polypeptide coding region, a region coding for a signal peptide capable of directing secretion of said polypeptide from *Pichia pastoris* cells transformed with said DNA molecule; and (c) operably-linked to said coding regions defined in (a) and (b), the methanol oxidase promoter of *Pichia pastoris* or a functionally equivalent promoter.

IPC 1-7

C12N 15/81; **C12N 9/20**; **C12N 1/19**

IPC 8 full level

C12N 15/09 (2006.01); **C12N 1/19** (2006.01); **C12N 9/20** (2006.01); **C12N 15/55** (2006.01); **C12N 15/81** (2006.01); **C12R 1/84** (2006.01)

CPC (source: EP KR)

C12N 1/18 (2013.01 - KR); **C12N 9/20** (2013.01 - EP KR); **C12N 15/81** (2013.01 - KR); **C12N 15/815** (2013.01 - EP)

Citation (search report)

See references of WO 9637622A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9637622 A1 19961128; AU 5165696 A 19961211; CN 1185812 A 19980624; CZ 297397 A3 19980318; EE 9700321 A 19980615; EP 0832257 A1 19980401; HU P9802388 A2 19990201; HU P9802388 A3 20001030; IL 118335 A0 19960912; JP 2000510683 A 20000822; KR 19980703238 A 19981015; PL 322848 A1 19980216; RU 2157847 C2 20001020; SE 9501939 D0 19950524; TR 199701010 T1 19980121; TW 434314 B 20010516

DOCDB simple family (application)

SE 9600318 W 19960312; AU 5165696 A 19960312; CN 96194083 A 19960312; CZ 297397 A 19960312; EE 9700321 A 19960312; EP 96908415 A 19960312; HU P9802388 A 19960312; IL 11833596 A 19960520; JP 53559296 A 19960312; KR 19970706642 A 19970923; PL 32284896 A 19960312; RU 97117367 A 19960312; SE 9501939 A 19950524; TR 9701010 T 19960312; TW 85104253 A 19960410