

Title (en)

LYSIS METHOD AND BUFFER FOR EXTRACTION OF HEPATITIS B SURFACE ANTIGEN FROM YEAST CELLS.

Title (de)

SPALTVERFAHREN UND PUFFER ZUR EXTRAKTION VON HEPATITIS-B-OBERFLÄCHENANTIGEN AUS HEFEZELLEN.

Title (fr)

PROCEDE ET TAMPON DE LYSE POUR L'EXTRACTION D'UN ANTIGENE DE SURFACE DE L'HEPATITE B A PARTIR DE CELLULES DE LEVURE.

Publication

EP 0232410 A4 19880125 (EN)

Application

EP 86905526 A 19860815

Priority

US 76604385 A 19850815

Abstract (en)

[origin: WO8701128A1] A yeast cell lysis buffer for enhancing the recovery of subcellular particles including an aqueous solution of a nonionic detergent at a concentration within the range of about 0.5% to about 1.0% by volume at a temperature within a range from about 3<0>C to about 8<0>C. Triton X-100 <R> is a preferred nonionic detergent for use in the lysis buffer. This lysis buffer may be employed in a method of extracting subcellular particles (e.g. HBsAg particles) from cells (e.g. genetically transformed yeast cells) which are broken open in the presence of the lysis buffer.

IPC 1-7

A61K 39/29; **C07K 15/04**; **C12N 1/00**

IPC 8 full level

A61K 39/29 (2006.01); **C07K 14/005** (2006.01); **C07K 14/02** (2006.01); **C07K 14/10** (2006.01); **C07K 14/18** (2006.01); **C07K 14/195** (2006.01); **C12N 1/06** (2006.01); **C12N 15/09** (2006.01); **C12P 21/00** (2006.01); **C12R 1/865** (2006.01)

CPC (source: EP)

C07K 14/005 (2013.01); **C12N 1/063** (2013.01); **C12N 2730/10122** (2013.01)

Citation (search report)

- [E] EP 0204680 A2 19861210 - SMITH KLINE RIT [BE]
- [Y] EP 0110385 A2 19840613 - US HEALTH [US]
- [Y] EP 0075395 A2 19830330 - BIOGEN NV [NL]
- See references of WO 8701128A1

Designated contracting state (EPC)

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