

PATENTS

Patent applications in the area of expression systems

Patent #	Subject	Assignee	Author	Date	Status*
EP 771871	Human serum albumin production using recombinant <i>Pichia pastoris</i> transformed with expression cassette containing structural gene.	Research Corp. Technologies (Tucson, AZ), Philips Petroleum	Barr RD, Davis FM, Fuke M, Marashi F, McCombie WR, Parker KA, Sreekrishna K, Vineyard KM, Wong RN	05/07/97	A2
EP 776975	System for recombinant protein production by culturing yeast containing alcohol dehydrogenase II promoter in fed-batch process with constant glucose supply.	Hoechst AG (Frankfurt)	Aretz W, Badziong W, Habermann P, Moller J, Moeller J	06/04/97	A2
DE 195489	Preparation of culture solutions containing high molecular weight hyaluronic acids by fermentation of <i>Streptococcus equi</i> ssp. <i>zooepidemicus</i> V2541, at constant pH and temperature, with maintenance of glucose supply.	Hans-Knoell Institut für Naturstoff-Forschung (Jena, Austria)	Guenther E, Liebisch W, Mueller P, Ozegowski J, Veith G	07/03/97	A1
EP 752470	Describes a <i>Ciliata</i> culture in spinner flask using a culture flask with magnet core stirrer, driven by magnetic field.	Hoechst AG (Frankfurt)	Kiy T, Marquardt R	01/08/97	A2
EP 770687	Preparation of nicotinamide from 2-methyl-1,5-diaminopentane by conversion to 3-picoline, ammoxidation to 3-cyano-pyridine, then microbial oxidation. Uses simple expression system suitable for large-scale operation.	Lonza AG (Basel, Switzerland)	Armbruster E, Chuck RJ, Dettwiler H, Heveling J, Rohner M, Utiger L	05/02/97	A2
EP 776978	Preparation of 4'-deoxy-O-mycaminosyltylonolide by aerobic fermentation of repromicin with <i>Streptomyces fradiae</i> .	Pfizer (Karlsruhe, Germany)	Lam LH	06/04/97	A2
GB 230647	New pyrrolidine-2,5-dione derivative produced by a new fungal culture. Useful for treating fungal infections and for controlling fungi in soil, plant parts, etc.	Merck (Dorset, UK)	Basilio A, Bills GF, Curotto JE, Diez MT, Dreikorn SJ, Morris SA, Pelaez F, Streicher SL, Thompson JR, Vicente F, Zink DL	05/07/1997	A
GB 230648	New pregn-1(10)-ene derivative produced by <i>Chrysosporium</i> culture. Useful for treating fungal infections and for controlling fungi in soil, plant parts, etc.	Merck (Dorset, UK)	Basilio A, Bills GF, Curotto JE, Diez MT, Dreikorn SJ, Hensens OD, Jenkins RG, Liesch JM, Morris SA, Pelaez F, Thompson JR, Vicente F	05/07/1997	A
JP 900028	Describes the preparation of an L-amino acid or its salt using <i>Corynebacterium</i> , <i>Microbacterium</i> , <i>Rhodotorula</i> , <i>Bacillus</i> , or <i>Schizosaccharomyces</i> .	Tokuyama Soda KK	—	01/07/1997	A
WO 970829	Culturing rickettsiae in <i>Ixodes scapularis</i> tick cell cultures. Provides high yields of antigenic materials for use in diagnosis and vaccines, especially for protecting cattle against <i>Anaplasma marginale</i> .	Univ. Minnesota (Minneapolis, MN), Oklahoma State Univ. (Stillwater, OK)	Blouin EF, Ewing SA, Kocan KM, Kurti TJ, Munderloh UG	03/06/1997	A
WO 970526	Biosynthesis of antihypercholesterolemic agent lovastatin in high yield by fermentation of <i>Aspergillus terreus</i> var. <i>aureus</i> .	Krka Tovarna Zdravil	Benicki N, Filipovic B, Krasovec D, Pokorny M, Radez I, Tihi J, Zupancic M, Zupancic S	02/13/1997	A
WO 970832	Production of phosphorylation-dependent protein kinase(s) by coexpression in <i>Escherichia coli</i> with an activating protein kinase that activates the phosphorylation-dependent protein kinase.	New England BioLabs (Beverly, MA)	Roberts RJ, Wong-Madden ST	03/06/1997	A
WO 971568	Preparation of optically active amino compounds for use as intermediates for agrochemicals, etc.	Kaneka Corp. (Osaka, Japan)	Hasegawa J, Ikenaka Y, Iwasaki A, Kizaki N, Ogura M, Yamada Y	05/01/1997	A
WO 971653	Isolating normal neural epithelial precursor cells useful for cell-based therapy by culture with embryonic Schwann cells or embryonic Schwann cell-conditioned media. Useful for nervous system diseases, e.g., degenerative lesions in Parkinson's disease.	Genentech (South San Francisco, CA)	Li R, Mather J	05/09/1997	A
WO 971655	Positive selection for transformed Gram-positive bacteria, especially <i>Bacillus</i> . Useful for cloning heterologous genes encoding, e.g., industrial enzymes, immunoglobulin(s), etc.	E.I. Du Pont de Nemours & Co. (Wilmington, DE)	Bramucci MG, Nagarajan V	05/09/1997	A

Source: Derwent Information, Alexandria, VA. *The patents in the table are pending. The status of each application is slightly different from country to country. For further details, contact Derwent Information, 1725 Duke St., Suite 250, Alexandria, VA 22314. Tel: 1 (800) DERWENT (info@derwent.com).