

Title (en)

METHOD FOR DETERMINING MARKERS OF HUMAN FACIAL SKIN

Title (de)

VERFAHREN ZUR BESTIMMUNG VON MARKERN HUMANER GESICHTSHAUT

Title (fr)

PROCEDE DE DETERMINATION DE MARQUEURS DE LA PEAU DU VISAGE HUMAIN

Publication

EP 1573064 A2 20050914 (DE)

Application

EP 03789223 A 20031211

Priority

- DE 10260928 A 20021220
- EP 0314068 W 20031211

Abstract (en)

[origin: WO2004059001A2] The invention relates to a method for determining the homeostasis of human facial skin in vitro, to test kits and biochips for determining markers of human facial skin, in addition to the use of proteins, mRNA molecules or fragments of proteins or mRNA molecules as markers of human facial skin. The invention also relates to a test method for detecting the effectiveness of cosmetic or pharmaceutical active substances for treating human facial skin in addition to a screening method for identifying cosmetic or pharmaceutical active substances for treating human facial skin and to a method for producing a cosmetic or pharmaceutical preparation for treating human facial skin.

IPC 1-7

C12Q 1/68

IPC 8 full level

A61K 8/02 (2006.01); **A61Q 19/00** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

C12Q 1/6876 (2013.01); **G01N 33/6881** (2013.01); **C12Q 2600/148** (2013.01); **C12Q 2600/158** (2013.01)

Citation (search report)

See references of WO 2004059001A2

Citation (examination)

- GOLDBERG ET AL: "REGIONAL VARIATION IN THE EXPRESSION OF BULLOUS PEMPHIGOID ANTIGEN AND LOCATION OF LESIONS IN BULLOUS PEMPHIGOID", JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 82, no. 4, 1984, pages 326 - 328
- YAAR ET AL: "Fifty years of skin aging", THE JOURNAL OF INVESTIGATIVE DERMATOLOGY., vol. 7, no. 1, 1 December 2002 (2002-12-01), pages 51 - 58, XP009077853
- WARREN ET AL: "Age, sunlight, and facial skin: a histologic and quantitative study.", JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY, 1 November 1991 (1991-11-01), pages 751 - 760, XP025588033, DOI: doi:10.1016/S0190-9622(08)80964-4
- ROZINA ET AL: "Expression of the peptide antibiotics human beta defensin-1 and human beta defensin-2 in normal human skin", JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 117, no. 1, June 2001 (2001-06-01), pages 106 - 111
- HIRAO TETSUJI ET AL: "Elevation of interleukin 1 receptor antagonist in the stratum corneum of sun-exposed and ultraviolet B-irradiated human skin", JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 106, no. 5, 1996, pages 1102 - 1107
- DATABASE NCBI GEO [online] AFFYMETRIX: "Affimetrix GeneChip Human Genome U133 Array Set HG-U133A", XP002355386
- WILLIARD ET AL: "Identification of a fatty acid DELTA6-desaturase deficiency in human skin fibroblasts", JOURNAL OF LIPID RESEARCH, vol. 42, no. 4, 2001, pages 501 - 508, XP001094735

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004059001 A2 20040715; **WO 2004059001 A3 20050303**; AU 2003293839 A1 20040722; DE 10260928 A1 20040708; EP 1573064 A2 20050914

DOCDB simple family (application)

EP 0314068 W 20031211; AU 2003293839 A 20031211; DE 10260928 A 20021220; EP 03789223 A 20031211