

Title (en)

ODOR-MASKED AND STABILIZED COMPOSITIONS FOR TREATING KERATINOUS TISSUE, SKIN CONDITIONS, AND PROMOTING WOUND HEALING

Publication

**EP 0487648 A4 19930331 (EN)**

Application

**EP 90914307 A 19900817**

Priority

US 39647489 A 19890818

Abstract (en)

[origin: WO9102538A1] This invention relates to odor-masked and storage stable compositions comprising film-forming proteins containing reducing agents and optionally at least one component selected from the following: reactive zinc salts, cationic polymers and cationic or nonionic surfactants. The present invention also relates to these compositions containing oxidizing agents and/or antioxidants and methods of use. The therapeutic compositions and methods of the present invention are particularly effective in promoting wound healing, and in inhibiting certain skin disorders, including eczema and seborrhea, scleroderma, hang nails, wrinkling and acne, including acne scarring. The therapeutic compositions and methods of the present invention have also shown enhanced effect as veterinary tools in reducing the debilitation associated with certain skin conditions in mammals including eczematoid dermatitis, chronic dermatitis, equine exuberant granuloma ("proud flesh"), decubitus ulcers and canine cutaneous granulomas ("lick" granuloma). The compositions of the present invention are also useful for conditioning horny keratinous tissue of mammals such as human hair and nails, and the hooves and fur of animals to improve their strength and appearance. In addition, these compositions are useful for promoting hair and nail growth.

IPC 1-7

**A61K 37/12; A61K 37/18; A61K 37/04; A61K 37/02; A61K 31/095; A61K 33/40; A61K 7/48; A61K 7/44**

IPC 8 full level

**A61K 8/30** (2006.01); **A61K 8/00** (2006.01); **A61K 8/20** (2006.01); **A61K 8/22** (2006.01); **A61K 8/27** (2006.01); **A61K 8/41** (2006.01); **A61K 8/44** (2006.01); **A61K 8/46** (2006.01); **A61K 8/49** (2006.01); **A61K 8/64** (2006.01); **A61K 8/65** (2006.01); **A61K 8/72** (2006.01); **A61K 8/73** (2006.01); **A61K 8/96** (2006.01); **A61K 33/30** (2006.01); **A61K 38/00** (2006.01); **A61K 38/17** (2006.01); **A61K 38/39** (2006.01); **A61K 47/02** (2006.01); **A61K 47/20** (2006.01); **A61K 47/38** (2006.01); **A61P 17/00** (2006.01); **A61Q 3/00** (2006.01); **A61Q 3/02** (2006.01); **A61Q 5/00** (2006.01); **A61Q 7/00** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP)

**A61K 8/27** (2013.01); **A61K 8/447** (2013.01); **A61K 8/46** (2013.01); **A61K 8/64** (2013.01); **A61K 8/645** (2013.01); **A61K 8/65** (2013.01); **A61K 8/731** (2013.01); **A61K 9/0014** (2013.01); **A61K 33/30** (2013.01); **A61K 38/1709** (2013.01); **A61K 38/39** (2013.01); **A61K 47/02** (2013.01); **A61K 47/38** (2013.01); **A61P 17/00** (2017.12); **A61Q 3/00** (2013.01); **A61Q 7/00** (2013.01); **A61K 2800/5426** (2013.01)

Citation (search report)

- [XP] WO 9000899 A1 19900208 - CIRO S TOUCH LTD [US]
- See references of WO 9102538A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9102538 A1 19910307**; AU 6425590 A 19910403; CA 2065044 A1 19910219; EP 0487648 A1 19920603; EP 0487648 A4 19930331; IL 95393 A0 19910630; JP H05503071 A 19930527

DOCDB simple family (application)

**US 9004649 W 19900817**; AU 6425590 A 19900817; CA 2065044 A 19900817; EP 90914307 A 19900817; IL 9539390 A 19900816; JP 51338490 A 19900817