

Title (en)

NOVEL CYSTEINE-DEPLETED HYDROPHOBIN FUSION PROTEINS, THEIR PRODUCTION AND USE THEREOF

Title (de)

NEUE CYSTEIN-VERARMTE HYDROPHOBINFUSIONSPROTEINE, DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)

NOUVELLES PROTEINES DE FUSION DE TYPE HYDROPHOBINES APPAUVRIS EN CYSTEINE, LEUR PRODUCTION, ET LEUR UTILISATION

Publication

**EP 1893639 A2 20080305 (DE)**

Application

**EP 06763632 A 20060609**

Priority

- EP 2006063066 W 20060609
- DE 102005027139 A 20050610

Abstract (en)

[origin: WO2006131564A2] The invention relates to polypeptides of general structural formula (I)  $X_{n}-C_{1}-X_{1-50}-C_{2}-X_{0-5}-C_{3}-X_{P}-C_{4}-X_{1-100}-C_{5}-X_{1-50}-C_{6}-X_{0-5}-C_{7}-X_{1-50}-C_{8}-X_{m}$ , to their production and use thereof.

IPC 8 full level

**C07K 14/37** (2006.01)

CPC (source: EP US)

**C07K 14/37** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US)

Citation (examination)

- NAKARI-SETALA T ET AL: "Expression of a fungal hydrophobin in the *Saccharomyces cerevisiae* cell wall: Effect on cell surface properties and immobilization", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 68, no. 7, 1 July 2002 (2002-07-01), pages 3385 - 3391, XP002319522, ISSN: 0099-2240, DOI: 10.1128/AEM.68.7.3385-3391.2002
- WESTEN H A B ET AL: "Interfacial self-assembly of a fungal hydrophobin into a hydrophobic rodlet layer", THE PLANT CELL, AMERICAN SOCIETY OF PLANT BIOLOGISTS, US, vol. 5, no. 11, 1 November 1993 (1993-11-01), pages 1567 - 1574, XP002976225, ISSN: 1040-4651, DOI: 10.1105/TPC.5.11.1567
- WOESTEN H A B ET AL: "THE FUNGAL HYDROPHOBIN SC3P SELF-ASSEMBLIES AT THE SURFACE OF AERIAL HYPHAE AS A PROTEIN MEMBRANE CONSTITUTING THE HYDROPHOBIC RODLET LAYER", EUROPEAN JOURNAL OF CELL BIOLOGY, WISSENSCHAFTLICHE VERLAGSGESELLSCHAFT, STUTTGART, DE, vol. 63, 1 January 1994 (1994-01-01), pages 122 - 129, XP008065983, ISSN: 0171-9335

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