



(51) International Patent Classification:

C12N 9/50 (2006.01) A61K 38/16 (2006.01)
C12N 9/80 (2006.01) A61K 38/54 (2006.01)
A61K 38/51 (2006.01) A23B 4/22 (2006.01)
A61K 38/52 (2006.01)

(21) International Application Number:

PCT/NL2013/050344

(22) International Filing Date:

7 May 2013 (07.05.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

12166977.4 7 May 2012 (07.05.2012) EP
61/643,417 7 May 2012 (07.05.2012) US

(71) Applicant: MICREOS HUMAN HEALTH B.V.
[NL/NL]; Nieuwe Kanaal 7 p, NL-6709 PA Wageningen
(NL).

(72) Inventors: LOESSNER, Martin Johannes; Stuhlen-
strasse 39, CH-8123 Ebmatingen (CH). EICHENSEHER,
Fritz; Schwamendingenstrasse 30, CH-8050 Zürich (CH).

(74) Agent: PALLARD, Caroline; Nederlandsch Octrooibur-
eau, J.W. Frisolaan 13, NL-2517 JS The Hague (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU,
RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- with sequence listing part of description (Rule 5.2(a))

(54) Title: Polypeptide mixes with antibacterial activity

(57) Abstract: The invention relates to the field of microbiology, specifically to a combination of a source of a first enzymatic active domain and a source of a second enzymatic active domain and to a composition comprising said combination. The invention further relates to a composition comprising said combination for use as a medicament, to the use of said composition as an antimicrobial agent and to a method for controlling microbial contamination in a food-or feed product, on and/or in food-or feed processing equip-
ment, on and/or in food-or feed containers.

