

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number

WO 2020/227144 A8

(43) International Publication Date
12 November 2020 (12.11.2020)

WIPO | PCT

(51) International Patent Classification:

C07K 1/34 (2006.01) A61K 39/395 (2006.01)
C07K 16/00 (2006.01) B01D 15/26 (2006.01)
A61K 39/00 (2006.01)

(74) Agent: DONAHUE, Brian A. et al.; Morrison & Foerster
LLP, 755 Page Mill Road, Palo Alto, California 94304-1018
(US).

(21) International Application Number:

PCT/US2020/031164

(22) International Filing Date:

01 May 2020 (01.05.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/843,261 03 May 2019 (03.05.2019) US
62/961,609 15 January 2020 (15.01.2020) US

(71) Applicant: GENENTECH, INC. [US/US]; 1 DNA Way,
South San Francisco, California 94080-4990 (US).

(71) Applicant (for all designated States except US): F. HOFF-
MANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse
124, 4070 Basel (CH).

(71) Applicant (for US only): HOFFMANN-LA ROCHE
INC. [US/US]; 150 Clove Road, Overlook at Great Notch,
Suite 8, Little Falls, New Jersey 07424 (US).

(72) Inventors: LEISS, Michael; c/o Genentech, Inc., 1 DNA
Way, South San Francisco, California 94080-4990 (US).
MEYER, Christian; c/o Genentech, Inc., 1 DNA Way,
South San Francisco, California 94080-4990 (US). MOR-
RIS, Alexandra Thomas; c/o Genentech, Inc., 1 DNA
Way, South San Francisco, California 94080-4990 (US).
SPENSBERGER, Bernhard; c/o Genentech, Inc., 1
DNA Way, South San Francisco, California 94080-4990
(US). YIGZAW, Yinges; c/o Genentech, Inc., 1 DNA
Way, South San Francisco, California 94080-4990 (US).
EDELMANN, Franziska; c/o Genentech, Inc., 1 DNA
Way, South San Francisco, California 94080-4990 (US).
FALKENSTEIN, Roberto; c/o Genentech, Inc., 1 DNA
Way, South San Francisco, California 94080-4990 (US).
GRAF, Tobias; c/o Genentech, Inc., 1 DNA Way, South
San Francisco, California 94080-4990 (US). GU, Jie; c/o
Genentech, Inc., 1 DNA Way, South San Francisco, Califor-
nia 94080-4990 (US). PRABHAKAR, Jeevan; c/o Genen-
tech, Inc., 1 DNA Way, South San Francisco, California
94080-4990 (US).

(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, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA,
SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, ST, 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,
KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(48) Date of publication of this corrected version:

02 December 2021 (02.12.2021)

(15) Information about Correction:

see Notice of 02 December 2021 (02.12.2021)

(54) Title: METHODS OF REDUCING THE ENZYMATIC HYDROLYSIS ACTIVITY RATE IN A COMPOSITION OBTAINED FROM A PURIFICATION PLATFORM

(57) Abstract: The present disclosure provides purification platforms comprising a depth filter step and/or a hydrophobic interaction chromatography (HIC) step. Also disclosed herein are methods of using the purification platforms described herein and compositions obtained therefrom, such as pharmaceutical compositions.

WO 2020/227144 A8