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

(72) Inventors: SACKETT, Benjamin Mark; c/o Genen-
tech, Inc., 1 DNA Way, South San Francisco, California
94080-4990 (US). KEBA, James J.; c/o Genentech, Inc.,
1 DNA Way, South San Francisco, California 94080-4990
(US).

(74) Agent: YOUNG, Jeffrey Gerard et al.; Morrison & Foer-
ster LLP, 2100 L ST, NW, Suite 900, Washington, District
of Columbia 20037 (US).

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(54) Title: HIGH VISCOSITY ULTRAFILTRATION/DIAFILTRATION AND SINGLE-PASS TANGENTIAL FLOW FIL-
TRATION PROCESSES

(57) Abstract: The present disclosure provides high viscosity ultrafiltration/diafiltration (UF/DF) and single pass tangential flow fil-
tration (SPTFF) processes used in the purification of polypeptides. A method for purifying a polypeptide from a polypeptide preparation
may include the following steps in order: a) subjecting the polypeptide preparation to one or more purification processes and recovering
a first resulting pool having a viscosity of about 5-40 cP; and b) subjecting the pool recovered from step a) to a SPTFF operation
comprising use of membranes in either or both a serial membrane and/or a parallel membrane configuration and recovering a second
resulting pool having an operating viscosity of about 41-400 cP, wherein, i) the operating temperature is about 15-55°C, and ii) the
feed flux is about 5-50 L/m²/hr (LMH).



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