



(51) International Patent Classification:

C08F 2/00 (2006.01) B01D 47/06 (2006.01)
B01J 8/00 (2006.01) C08F 10/00 (2006.01)
B01D 47/05 (2006.01)

(21) International Application Number:

PCT/EP2021/071622

(22) International Filing Date:

03 August 2021 (03.08.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20190910.8 13 August 2020 (13.08.2020) EP

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(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, IT, 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,

(54) Title: SCREENING ASSEMBLY AND PROCESS FOR SCREENING POLYMER FROM AN EFFLUENT STREAM AT RE-
DUCED LEVELS OF POLYMER ENTRAINMENT

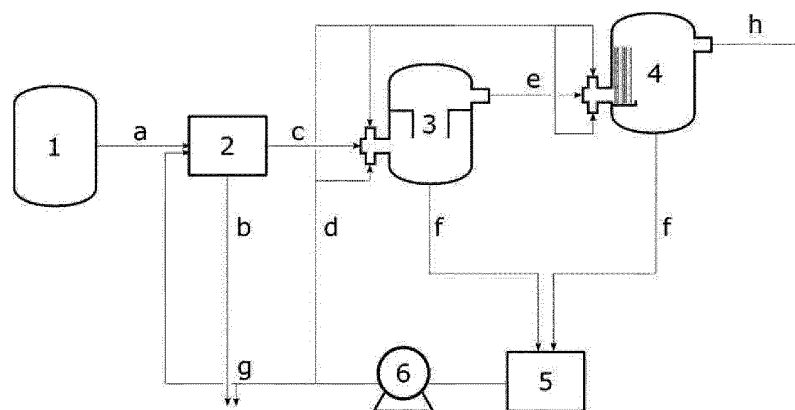


Figure 1: A screening assembly according to the first preferred embodiment of
the present invention.

(57) Abstract: A process for screening polymer from a polymer-lean vapor stream, whereby the process comprises the steps of sepa-
rating an effluent stream comprising the polymer and a first mixture of hydrocarbons into a polymer-rich stream and the polymer-lean
vapor stream; spraying a condensed vapor composition comprising a second mixture of hydrocarbons into the polymer-lean vapor
stream via a condensed vapor composition stream; screening a screened condensed vapor composition stream comprising the polymer
and the condensed vapor composition from the polymer-lean vapor stream.

[Continued on next page]

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))*