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(71) Applicants: **SAUDI BASIC INDUSTRIES CORPORATION (SABIC)** [SA/SA]; P.O. Box 5101, 11422 Riyadh (SA). **Linde AG** [DE/DE]; Klosterhofstrasse 1, 80331 Munich (DE).

(72) Inventors: **WÖHL, Anina**; Am Isarkanal 28a, 81379 Munich (DE). **MÜLLER, Wolfgang**; Jaspersallee 36, 81245 Munich (DE). **BÖLT, Heinz**; Kanalstrasse 21, 82515 Wolfratshausen (DE). **MEISWINKEL, Andreas**; Ludwigshöher Strasse 44, 81479 Munich (DE). **HARFF, Marco**; Schmellerstrasse 12, 80337 Munich (DE). **WELLENHOFER, Anton**; Forststr. 14a, 82069 Hohenschäftlam

(DE). **HOFMANN, Karl-Heinz**; Erikastr. 11, 82110 Germering (DE). **ZANDER, Hans-Jörg**; Ludwigshöher Str. 42, 81479 München (DE). **ILIJAS, Abduljelil**; c/o Saudi Basic Industries Corporation, P.O. Box 5101, 11422 Riyadh (SA). **KHURRAM, Shahid**; c/o Saudi Basic Industries Corporation, P.O. Box 5101, 11422 Riyadh (SA). **AZAM, Shahid**; c/o Saudi Basic Industries Corporation, P.O. Box 5101, 11422 Riyadh (SA). **AL-QAHTANI, Abdullah**; c/o Saudi Basic Industries Corporation, P.O. Box 5101, 11422 Riyadh (SA).

(74) Agents: **BOEHMERT & BOEHMERT** et al.; Hollerallee 32, 28209 Bremen (DE).

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(54) Title: METHOD FOR OLIGOMERIZATION OF ETHYLENE

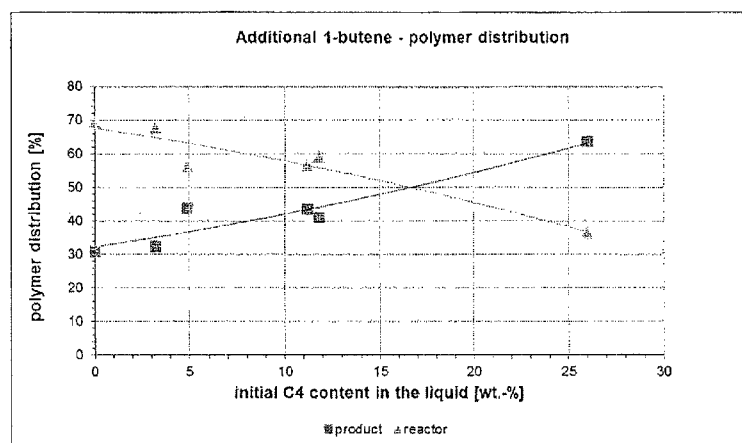


Fig. 3

(57) Abstract: The present invention relates to a method for oligomerization of ethylene, comprising the steps: a) feeding ethylene, solvent and a catalyst composition comprising catalyst and cocatalyst into a reactor, b) oligomerizing ethylene in the reactor, c) discharging a reactor effluent comprising linear alpha-olefins including 1-butene, solvent, unconsumed ethylene dissolved in the reactor effluent, and catalyst composition from the reactor, d) separating ethylene and 1-butene collectively from the remaining reactor effluent, and e) recycling at least a part of the ethylene and the 1-butene separated in step d) into the reactor.



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