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(54) Title (EN): IMPROVED SYRINGE AND GASKET SYSTEMS

(54) Title (FR): SYSTÈMES DE SERINGUES ET DE JOINTS AMÉLIORÉS

(57) Abstract:

(EN): A process for producing gaskets with an improved channel for use in matched syringe and plunger systems, preferably prefilled plastic syringe systems. In particular, an improved process for making and inspecting continuous channels in a gasket film by laser treatment. The gaskets are useful in matched syringe and plunger systems with high and consistent container closure integrity (CCI), and consistent break loose and glide forces over time, and sealability.

(FR): L'invention concerne un procédé de production de joints comprenant un canal amélioré destinés à être utilisés dans des systèmes de seringues et de pistons appariés, de préférence des systèmes de seringues en plastique pré-remplies. En particulier, l'invention concerne un procédé amélioré de fabrication et d'inspection de canaux continus dans un film de joint par traitement laser. Les joints sont utiles dans des systèmes de seringues et de pistons appariés présentant une intégrité de fermeture de récipient élevée et constante (CCI) et des forces de rupture et de glissement constantes dans le temps et une étanchéité.

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