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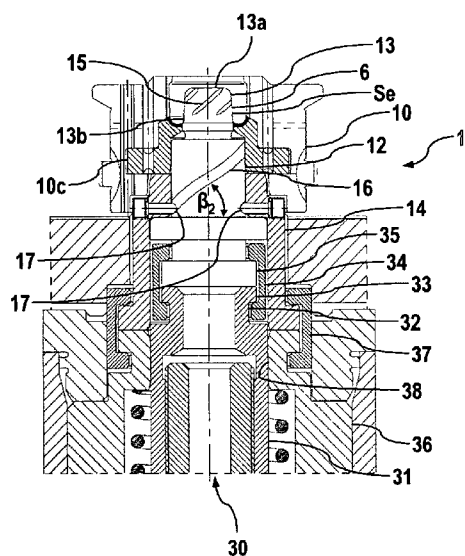
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(54) Title: PROCESS AND EQUIPMENT FOR THE FABRICATION OF GLASS CONTAINERS WITH INTERNALLY
THREADED NECK

FIG. 7a



(57) Abstract: The present invention relates to a process and equipment for the fabrication of glass containers with internally threaded neck and such containers. The plunger (6) is from the glass leaving an imprint corresponding to the mouth (M) of a bottle, wherein the plunger has at least one helical groove (15) in its outside surface. During the extraction, the plunger is rotated around a longitudinal axis (X-X) performing a roto-translational motion to unscrew the plunger out of the partially solidified glass, leaving an internal thread in the mouth (M) of the bottle. The roto-translational motion for the extraction of the plunger is generated by: a linear actuator (30) acting on the plunger (6), thereby effecting a linear movement of the plunger (6) along said longitudinal axis (X-X), a guide body (14) wherein the plunger (6) is moved relative to the guide body (14) along said longitudinal axis (X-X), and a helical guide (16, 17) coaxial to the longitudinal axis (X-X) and being provided between said guide body (14) and said plunger (6) and transforming said linear movement effected by said linear actuator (30) on said plunger (6) into said roto-translational motion of said plunger (6).



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