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(71) Applicant: **WEST PHARMACEUTICAL SERVICES, INC.** [US/US]; 101 Gordon Drive, Lionville, PA 19454 (US).

(72) Inventors: **KEIRSTEAD, Earle**; 16500 Gulf Boulevard #455, North Redington Beach, FL 33708-1429 (US). **MC-CLEERY, Fredrick, S.**; 1901 Bugle Lane, Clearwater, FL 33764 (US). **CONRAD, William, A.**; 386 Chadwyck Circle, Harleysville, PA 19438 (US). **KNIGHT, Arthur, G.**; 2619 49th Street S., Gulfport, FL 33707 (US). **HOOVER,**

William, C.; 9168 Leet Road, North East, PA 16428 (US). **BUTLER, Thomas, C.**; 557 Main Street, South Williamsport, PA 17701 (US). **ONZIK, David, D.**; 29 Highview Terrace, Muncy, PA 17756 (US).

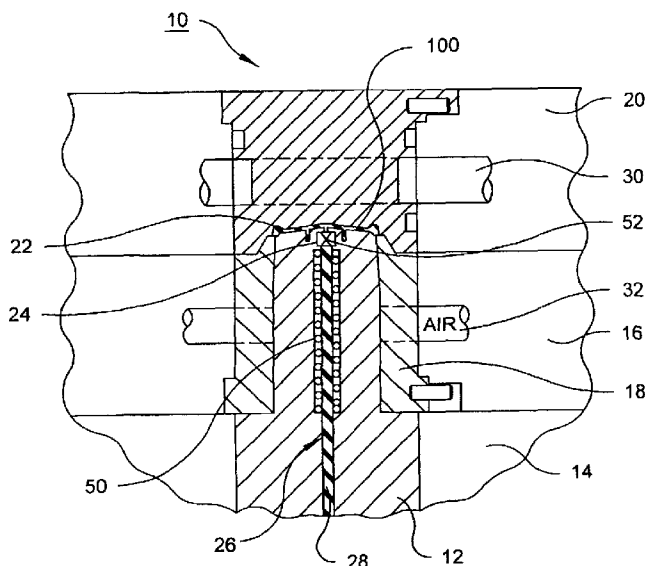
(74) Agents: **BELISARIO, Martin, G.** et al.; Akin Gump Strauss Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

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(54) Title: METHOD FOR MAKING PLASTIC OVERCAPS USING HOT RUNNER BACK-GATED MOLD TECHNOLOGY



(57) Abstract: The present invention is a method for making a plastic overcap (100) using a mold tool stack (10). The mold tool stack has a core (12) and a cavity plate (20) forming a cavity (22) therebetween. The core has a resin passageway (26) therein with a gate (24) in a top surface of the core. The gate has a valve (52) proximate the top surface of the core to regulate resin (28) flowing from the resin passageway and into the cavity. The steps of the mold method are as follows: the mold tool stack is closed to form the cavity; the valve is opened to allow resin to enter the cavity; the valve is closed; the resin is allowed to cool; and the mold tool stack is opened to allow removal of the plastic overcap from within the mold tool stack. The top side of the plastic overcap produced is blemish-free, facilitating placement of labels and other markings thereon.



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