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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 using a mold tool stack. The mold tool stack has a core and a cavity plate forming a cavity therebetween. The core has a resin passageway therein with a gate in a top surface of the core. The gate has a valve proximate the top surface of the core to regulate resin 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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