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(54) Title: ANTI-DROOL COLD DECK FOR HIGH CONSISTENCY SILICONE RUBBER

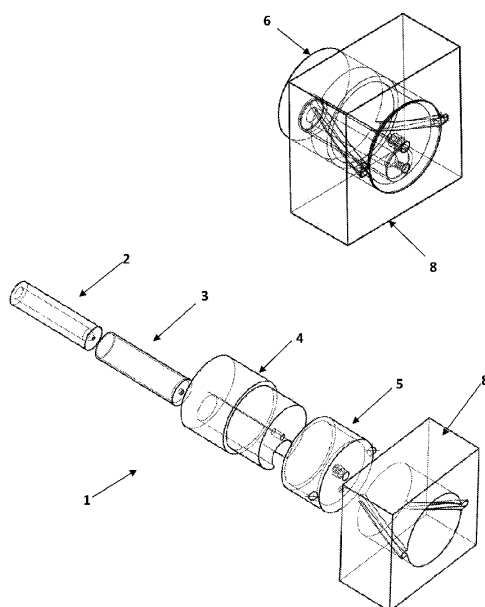


Figure 1

(57) Abstract: The present invention aims to solve the problem of drooling that is commonly found on the CMSR (Compression Molding of Silicone Rubber) cold deck open tip nozzle found in a vertical compression injection molding machine. It revolves around the use of anti-drool mechanism utilising a specially customized shuttle gate assembly that is installed on the mold plate. The shuttle gate assembly comprises of cold nozzle, cooling jacket, nozzle holder for holding the cold nozzle and cooling jacket in place, as well as the shuttle sleeve. Depending on the movement of the mold plate, the operation of the shuttle gate assembly will prevent drooling and minimise molding rejects and cosmetic defects in the end product.

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