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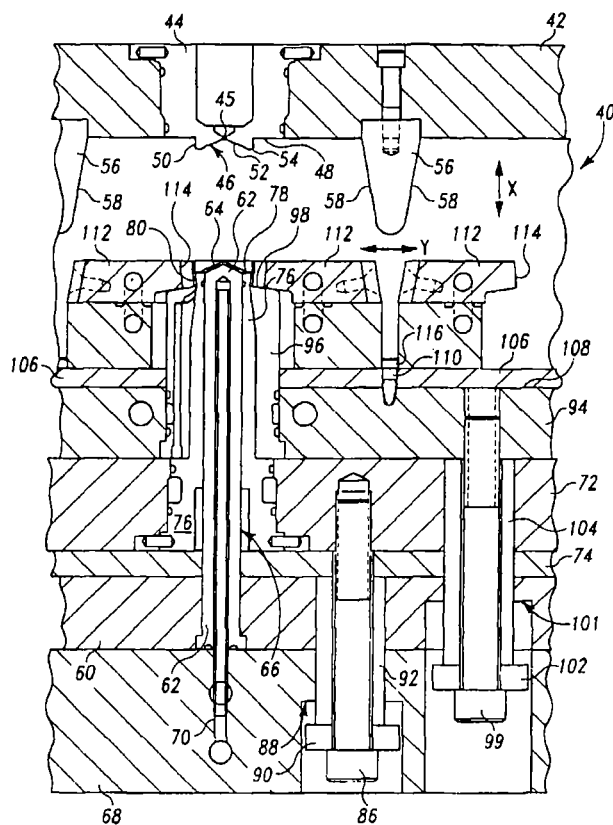
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(54) Title: STAGED, SEQUENTIALLY SEPARATED INJECTION MOLD



(57) Abstract: A stage, sequentially separated injection mold (40) for forming a container spout (14) having a peripheral flange (18), a generally cylindrical sidewall (20), a removable panel (30) fixed within the sidewall, and a pull ring (32) connected to the removable panel. The mold includes a base (42), and a first element (44) coupled to the base including a gate (45). A core plate (60) movable with respect of the base, and a core element (62) confronting the first mold element. A sleeve (76) surrounds the core element having a channel (84) to define the pull ring. The sleeve moves with respect to the core element to permit release of a molded pull ring. A stripper ring (96) surrounds the sleeve with an edge (98) positioned contiguous to the sleeve outward facing surface, the stripper ring being movable along the sleeve.

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