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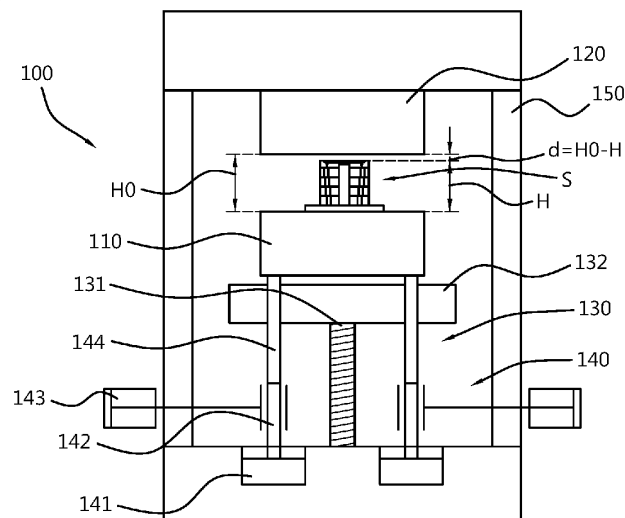
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(54) Title: ROTOR CORE MOLDING METHOD AND SYSTEM FOR MOLDING A ROTOR CORE OF AN ELECTRIC MOTOR

Fig. 4D



(57) Abstract: A rotor core molding system, for molding magnets in an unmolded rotor core to provide a molded rotor core for an electrical motor, comprises first and second molds arranged to allow clamping at least one unmolded rotor core between the molds, a pre-adjustment arrangement for allowing to pre-adjust a distance between the molds in a preset open configuration of the molds to a pre-adjusted distance, and a mold closure arrangement for allowing to close the molds from the preset open configuration to a closed configuration by moving the molds towards one another to clamp unmolded rotor core(s) provided between the molds with a predetermined pressure in between the molds in the closed configuration. The pre-adjustment arrangement is configured to provide a relatively long-range distance movement, especially corresponding to one or more rotor core heights. The mold closure arrangement is configured to provide a relatively short-range distance movement.

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