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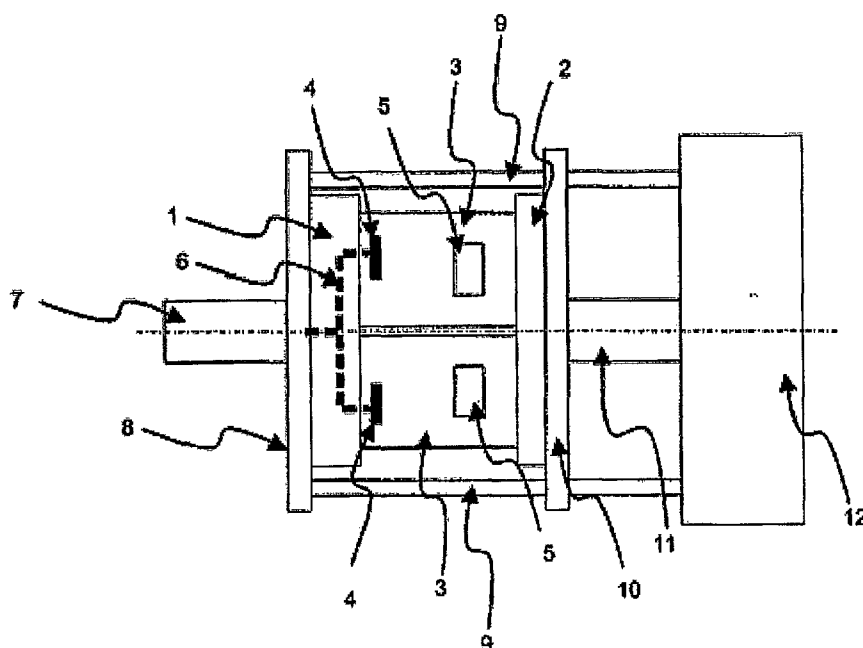
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(54) Title: INJECTION MOLDING SYSTEM, APPARATUS, METHOD, AND QUICK-CONNECT MECHANISM



(57) Abstract: An injection molding system utilizes pre-assembled modular molds (3). The moldy interface with an injection molding machine through standardized injection and ejection interfaces. A standardized runner clamp plate (1) and ejector clamp plate (2) may be integral to the injection molding machine or attached to the injection molding machine for interfacing the mold to the injection molding machine. A quick-connect mechanism (18, 19) may be used to couple an active ejection mechanism (11) in the injection molding machine with integral ejector components (5) in the mold.

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