



(12) **United States Patent**
Nemoto et al.

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(54) **DEVICE FOR FORCIBLY INSERTING DROP INTO COMPRESSION MOLDING MACHINE, AND MOLDING DIE FOLLOW-UP TYPE DEVICE FOR SUPPLYING DROP**

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(Continued)

(71) Applicant: **TOYO SEIKAN KAISHA, LTD.**, Chiyoda-ku, Tokyo (JP)

(58) **Field of Classification Search**
None
See application file for complete search history.

(72) Inventors: **Satoru Nemoto**, Yokohama (JP);
Shoichiro Takano, Yokohama (JP);
Hiroyuki Hashimoto, Yokohama (JP)

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(73) Assignee: **TOYO SEIKAN GROUP HOLDINGS, LTD.**, Tokyo (JP)

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Primary Examiner — Benjamin Schiffman
(74) *Attorney, Agent, or Firm* — Westerman, Hattori, Daniels & Adrian, LLP

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(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

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A method and device for continuously supplying molten synthetic resin drops into female moldings which are rotatably movable for manufacturing moldings, wherein synthetic resin in molten condition extruded from an extrusion opening is cut by a cutter attached to a holding mechanism to form the molten resin into drops in a determined quantity, the drops are held and conveyed by the holding mechanism, and the drops are forcibly inserted and supplied into the concaves of the female moldings. At that time the holding mechanism on the rotary- and movable type drop supply is made to approach the rotating molding die and the rotation path of the holding mechanism is made to overlap with that of the molding die within a determined area to make the movement of the holding mechanisms follow that of the molding die.

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5 Claims, 12 Drawing Sheets

