



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **01093308 A**(43) Date of publication of application: **12.04.89**

(51) Int. Cl. **B29C 39/02**  
**B29C 39/22**  
**// B29L 1:00**

(21) Application number: **63052025**(22) Date of filing: **04.03.88**(30) Priority: **06.03.87 US 87 22701**(71) Applicant: **YOKOGAWA HEWLETT PACKARD LTD**(72) Inventor: **ROURENSU BUI FUORUDEINGU  
ROI EI ROOZEN**(54) **MOLDING METHOD AND DEVICE FOR LURE NUT** COPYRIGHT: (C)1989,JPO&Japio

(57) Abstract:

**PURPOSE:** To mold automatically a modified lure nut having a polygon inner side section by injecting a thermoplastic material into a space formed with given fixed sectors, movable sectors and a screw thread cutting core and molding.

**CONSTITUTION:** A plastic nut 1 having a screw thread on the inner periphery of a polygon inner side section with N numbers of side faces is formed by casting plastic between a cavity 7 consisting of N pieces of fixed sectors 11 and N pieces of movable sectors 12 arranged in a ring form around a center shaft and a movable core 21 having a screw thread with the outer periphery of a polygon outer section having N pieces of side faces while the fixed relationship between the movable sectors 12 and the fixed sectors 11 is retained. The movable sectors 12 are moved radially in the radial direction to the fixed sectors 11, and a core 21 is pulled out while a nut is prevented from revolving by the fixed sectors 11, after the plastic is cured.

