

Abstract of the Disclosure:

CONTROL DEVICE FOR MOTOR-DRIVEN INJECTION MOLDING
MACHINE CAPABLE OF GENERATING LARGER CLAMPING FORCE

In a control device for a motor-driven injection molding machine comprising a mold clamping system which comprises a servo-motor and a ball screw mechanism, the ball screw mechanism comprises a screw shaft and a nut for use in converting rotation of the servo-motor into rectilinear motion. The control device comprises a pattern generator for generating a set pattern for the clamping force. The mold clamping system generates a clamping force according to the set pattern and a maximum clamping force with the set pattern being determined to be larger than the clamping force that is generated by the servo-motor within predetermined ratings.

(Fig. 2)