

ABSTRACT OF THE DISCLOSURE

Title: PRODUCT EJECTING APPARATUS AND METHOD FOR AN INJECTION MOLDING MACHINE

Abstract: A product ejecting apparatus for an injection molding machine includes: a first drive unit; a first transmission unit connected to the first drive unit, wherein a rotation of the first drive unit results in a rotation of the first transmission unit; a second drive unit; a second transmission unit connected to the second drive unit, wherein a rotation of the second drive unit causes a rotation of the second transmission unit; an ejector pin configured to reciprocate based upon a motion of the first transmission unit; and a working member connected to the second transmission unit, wherein a movement of the second transmission unit results in reciprocating movement of the working member. The first drive unit is operated so as to cause the first transmission member to reciprocate, thereby causing the ejector pin to reciprocate. The second drive unit is operated so as to cause the second transmission member to reciprocate, thereby causing the working member to reciprocate.

Figure for Publication: FIG. 3