

Abstract

Loading/Unloading Unit for Card Media

A card 12 is inserted by pushing rubber roller 44 at the leading end of the card 12. The action of the rubber roller 44 pivots an actuation lever 24 to actuate a switch 36, which, in turn, starts a motor 16. The card 12 to be moved by the rotation of the rubber roller 44 pushes card support legs 62 to engage a pinion 58 with a rack 56 mounted on a card holder 48. The card holder 48, then, holds the card 12 and is driven by the pinion 58 to engage hook portions 84a, 84b of pushing arms 72a, 72b at the trailing edge 12b of the card 12 for plugging the card 12 with contact pins 22 of the connector 20 by pushing the card at its rear portion.

Fig. 1