

ABSTRACT OF THE DISCLOSURE

05 The device includes a spool (20) rotatably disposed in the ink ribbon cartridge (1) and having an ink ribbon wound thereabout (11). A ring (30) is mounted on the spool so as to be rotatable relative to the spool and has information marks (34, 35) recorded thereon. A photo-sensor (55) is disposed in the printing apparatus in opposite relation to the ring and detects the information marks recorded on the ring.

Fig. 1

This Sheet Has Been Replaced

