

FEEDING UNIT AND FEEDING METHOD

ABSTRACT OF THE DISCLOSURE

A feeder 14 is provided capable of feeding a strip-shaped material L intermittently with reference to a mark M inscribed on the strip-shaped material L at each predetermined interval. The feeder 14 comprises a sensor 36 for detecting the mark M, a controller 38 for determining a distance W between the marks taking as input the sensor 36 output, and a drive unit 37 for feeding the strip-shaped material L at each feed interval setting K_n . The controller 38 is arranged to control the drive unit 37 so that to determine the subsequent feed interval setting K_n through correcting a deviation between a mark-to-mark distance W_{n-1} and a feed interval setting K_{n-1} and determine a subsequent feed interval setting K_n .

Figure 1