

METHOD FOR WINDING AN ELONGATED NARROW FILM AT
HIGH SPEED

ABSTRACT

In a method for winding an elongated narrow film F at high speed on a winding axle 20 or on a support tube 22 fixed thereto, the invention is characterized in that: in a position immediately before the film F is wound on the winding axle 20, the film F is compressed widthwise by a pair of guide means 24, 24 spaced apart from each other widthwise by a distance smaller than the width of the film F, and is then wound in such compressed condition.

Since the film F is compressed widthwise by the guide means 24, 24, the film F has been already wrinkled when wound on the winding axle 20 or on the support tube 22 fixed thereto, and, therefore has a part of its wrinkled portion brought into contact with a lower turn of the film F in the same roll FR. This prevents a continuous air layer from being formed widthwise between adjacent turns of the film F, so that the apparent frictional force (or, friction coefficient) between the adjacent turns of the film F in the roll FR is prevented from decreasing, which prevents the film F from sliding widthwise in the roll FR.

(Drawing to be published): Fig. 1