

DRIVE ROLLER FOR A YARN FEED DEVICE

ABSTRACT

The invention relates to a drive roller for a yarn feed device, especially a circular knitting machine. The drive roller consists of a rotatably mounted first disc (21), a second disc (22) coaxial therewith and rotatable relative thereto and slide pieces (25) arranged between the two discs (21, 22) and forming the periphery of the drive roller (16) and which are so guided by the discs (21, 22) that an enlargement or reduction of the diameter of the periphery is produced by relative rotation of the two discs (21, 22). An adjusting device (31) which facilitates relative rotation of the two discs (21, 22) during continuous rotation of the drive roller (16), includes in accordance with the invention a summing gear which comprises a driving part (36) coupled to the first disc (22), a driven part (38) coupled to the second disc (22) and an adjusting element (49).

Figure 3