

Title (en)

Drawing device for spinning machine

Title (de)

Streckwerk für eine Spinnmaschine

Title (fr)

Système d'étirage pour un métier à filer

Publication

**EP 1602755 B1 20070725 (EN)**

Application

**EP 04425391 A 20040531**

Priority

EP 04425391 A 20040531

Abstract (en)

[origin: EP1602755A1] An drawing device for a spinning station (1) comprises a pair of feeding rollers (2,3), a pair of apron-holding rollers (10,11) downstream from the pair of feeding rollers (2,3), a pair of aprons (8,9) wound around said apron-holding rollers (10,11), return curve and guide devices (14,18,31,15), which condition the paths of the aprons (8,9) to create a stretch of contact (17), along which said aprons (8,9) are fixed to each other, creating a guide for a sliver (5). A pair of drawing rollers (21,22) is set downstream from the stretch of contact (17) of the pair of aprons (8,9). A pre-drawing area is created between a tightening slot (4) of the pair of feeding rollers (2,3) and an entrance tightening slot (7) of said aprons (8,9) between said apron-holding rollers (10,11). A main drawing area is created between the pair of apron-holding rollers (10,11) and the pair of drawing rollers (21,22), in which the angle (  $\alpha$  ) that is defined between a plane or straight joining line between the axes of rotation (26,28) of the pair of apron-holding rollers (10,11) and a plane or straight joining line between the axes of rotation (27,29) of the pair of drawing rollers (21,22) is greater than 10 DEG . <IMAGE>

IPC 8 full level

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CPC (source: EP)

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