

Title (en)

Drafting device for fine spinning frame

Title (de)

Streckwerk für eine Feinspinnmaschine

Title (fr)

Système d'étirage pour un métier à filer pour fil de titre fin

Publication

EP 0798408 A1 19971001 (EN)

Application

EP 96810186 A 19960325

Priority

EP 96810186 A 19960325

Abstract (en)

A three line type drafting device wherein first, second and third sets of drafting rollers (4 and 5, 6 and 7, and 13 and 16) are provided. The middle (second) set of rollers (6 and 7) are both constructed as apron rollers. In the back (third) set of rollers, the top roller (13) is constructed by an apron roller, while bottom roller (16) is constructed as a fluted roller. A guide plate (41) is arranged between the middle bottom and back bottom rollers (9a and 16) and is made to contact, at its top surface, with a lower side of the apron (14) of the back roller set. A desired control of floating fibers is obtained at a back drafting zone between the middle and back sets of rollers (6 and 7; and 13 and 16), while a desired total drafting ratio is obtained between the front and back set of rollers (4 and 5 and 13 and 16) without being influenced by inevitable variation in thickness of the apron (14) at the back roller set. <IMAGE>

IPC 1-7

D01H 5/26

IPC 8 full level

D01H 5/26 (2006.01)

CPC (source: EP)

D01H 5/26 (2013.01)

Citation (search report)

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Cited by

GB2420124A; JP2018080420A

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 0798408 A1 19971001; EP 0798408 B1 19991222; DE 69605767 D1 20000127; DE 69605767 T2 20000831

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