

Title (en)
Creel.

Title (de)
Spulengatter.

Title (fr)
Cantre.

Publication
EP 0625599 A1 19941123 (DE)

Application
EP 94106733 A 19940429

Priority
DE 9306680 U 19930504

Abstract (en)
Creel, especially for warping machines, with thread-guide devices (13) which are assigned to the winding stations and which each have a thread clamp (14) which is switchable when the machine is at a standstill and which is assigned on the thread run-in side prebreaking rods (15) around which the thread (F) is looped in opposite directions, and with a thread-deflecting point located at a distance from the thread clamp (14) on the thread run-off side. In order to improve a creel having the features mentioned in the introduction, in such a way that the risk that impurities will be deposited in the thread clamps (14) is reduced considerably, it is designed so that, in the open thread clamp (14), the thread (F) is guided without contact by components of the thread-guide device (13) which are located on the thread run-in and thread run-off sides. <IMAGE>

Abstract (de)
Spulengatter, insbesondere für Zettelmaschinen, mit den Spulstellen zugeordneten Fadenführungseinrichtungen (13), die jeweils eine bei Maschinenstillstand schaltbare Fadenklemme (14) aufweisen, der fadenzulaufseitig vom Faden (F) gegenseitig umschlungene Vorbremssstangen (15) zugeordnet sind, und mit einer fadenablaufseitig von der Fadenklemme (14) distanzierten Fadenumlenkstelle. Um ein Spulengatter mit den eingangs genannten Merkmalen so zu verbessern, daß die Gefahr der Ablagerung von Verunreinigungen in den Fadenklemmen (14) erheblich verringert wird, wird es so ausgebildet, daß der Faden (F) in der offenen Fadenklemme (14) von fadenzulauf- und fadenablaufseitigen Bauteilen der Fadenführungseinrichtung (13) berührungslos geführt ist. <IMAGE>

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D02H 13/24; **D02H 1/00**

IPC 8 full level
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Citation (search report)
• [Y] DE 3100880 A1 19820729 - BENNINGER AG MASCHF [CH]
• [YA] DE 4213859 A1 19921105 - BENNINGER AG MASCHF [CH]
• [A] BE 349287 A
• [A] US 3393712 A 19680723 - THEODORUS FRANSEN
• [A] DE 3141727 A1 19830428 - SCHLAFHORST & CO W [DE]
• [A] DE 4030940 C1 19920402

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