

Title (en)

A plant and a method for supplying yarn to a loom

Title (de)

Vorrichtung und Verfahren zur Belieferung einer Webmaschine mit Faden

Title (fr)

Dispositif et méthode pour amener du fil à un métier à tisser

Publication

EP 0743382 A3 19980107 (EN)

Application

EP 96107830 A 19960516

Priority

DK 56695 A 19950518

Abstract (en)

[origin: EP0743382A2] A plant (1) for supplying yarn to a loom (2) comprises a yarn rack (3). The loom (2) is supplied with yarn from yarn spools (5) in a number of carriers (4) arranged in a rail arrangement (9). The yarn rack (3) comprises a feeding station (6) having first rail lengths (10) and a storage station (7) having corresponding second rail lengths (11). Replacement of carriers (4) is accomplished easily and fast by transfer of a row of carriers (4) via the rails from the first rail length (10) to an empty second rail length (11). Then carriers (4) with full yarn spools are transferred from a second rail length (11), which is also attached to said first rail length (10). As the storage station comprises at least two second rail lengths (11) corresponding to each rail length (10) in the feeding station, the risk of misplacing carriers is avoided. As the carriers are transferred in a ceiling rail arrangement, it is possible to obtain easy transfer of a whole row of carriers at the same time. Furthermore, the risk is avoided that carriers might overturn even if there are full yarn spools on only one side of the carrier (4). <IMAGE> <IMAGE>

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D02H 1/00; **B65H 67/06**

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B65H 67/06 (2006.01); **D02H 1/00** (2006.01)

CPC (source: EP)

B65H 67/064 (2013.01); **D02H 1/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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