

## Title (en)

Open-end spinning device, and a procedure for taking up a thread temporarily with the help of such an open-end spinning device

## Title (de)

Offenend-Spinnvorrichtung sowie Verfahren zur vorübergehenden Aufnahme eines Fadens mit Hilfe einer derartigen Offenend-Spinnvorrichtung

## Title (fr)

Métier à filer à bout libre, et procédé pour enrouler un fil temporairement à l'aide de tel métier

## Publication

**EP 1182284 A3 20020925 (DE)**

## Application

**EP 01117439 A 20010719**

## Priority

DE 10041973 A 20000825

## Abstract (en)

[origin: EP1182284A2] A thread suction tube (3) which can be moved in a working plane (Ea, EA), can be brought into a further working plane (Eb, EB) and moved within it. An Independent claim is included for corresponding equipment. Preferred features: At least two working planes (Ea, Eb) include an angle alpha between them. The resting position (3a) of the thread suction tube is near the line of intersection (S) of its two working planes (Ea, Eb). Independently of the number of working planes (Ea, Eb; EA, EB) into which the thread suction tube can be transferred, only in one single working plane is there a resting position for the thread suction tube. Working positions (3b, 3c; 3A, 3B, 3C) of the thread suction tube are so appointed, that when the tube is in its working position in a first working plane, a thread extending from a spool resting against the spool drive roller (120), crosses the operational region of the traversing thread guide, but is outside this region when the thread suction tube adopts its working position in a further working plane. The tube can be brought to more than one working position in at least one of its working planes. It is mounted on a pivoting axis. It can be displaced along this axis, which may be mounted in turn, on a further axis which is parallel to the spool drive roller.

## IPC 1-7

**D01H 4/48**; **B65H 51/20**; **D01H 13/12**; **D01H 15/013**

## IPC 8 full level

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## CPC (source: EP US)

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## Citation (search report)

- [DYA] DE 19634300 A1 19980226 - RIETER INGOLSTADT SPINNEREI [DE]
- [Y] DE 2361969 A1 19750626 - ZINSER TEXTILMASCHINEN GMBH
- [A] DE 3829151 A1 19900301 - STAHLLECKER FRITZ [DE], et al
- [A] DE 3932727 A1 19910418 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 150 (C - 422) 15 May 1987 (1987-05-15)

## Cited by

EP1486448A1; CN109179084A; DE102004002503A1; DE102004002503B4

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## DOCDB simple family (application)

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