

Title (en)

YARN-CLAMPING DEVICE, YARN FRAME AND DRAWING-IN MACHINE INCLUDING SUCH A YARN-CLAMPING DEVICE, METHOD FOR CLAMPING YARNS WITH SUCH A YARN-CLAMPING DEVICE

Title (de)

GARNEINSPANNVORRICHTUNG, GARNRAHMEN UND EINZIEHMASCHINE MIT SOLCH EINER GARNEINSPANNVORRICHTUNG, VERFAHREN ZUM EINSpanNEN VON GARNEN MIT SOLCH EINER GARNEINSPANNVORRICHTUNG

Title (fr)

DISPOSITIF DE SERRAGE DE FIL, CADRE DE FIL ET MACHINE D'ÉTIRAGE COMPRENANT UN TEL DISPOSITIF DE SERRAGE DE FIL, PROCÉDÉ DE SERRAGE DE FIL DOTÉ D'UN DISPOSITIF DE SERRAGE DE FIL

Publication

EP 4033020 A1 20220727 (EN)

Application

EP 21153267 A 20210125

Priority

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Abstract (en)

A yarn-clamping device (20) includes a clamping rail (22), a clamping rod (24), configured to be inserted into a clamping volume, the clamping rod (24) having a clamping rotation movement relative to the clamping rail (22), in a clamping direction (R2), from an insertion position to a clamping position. The yarn-clamping device also includes at least one maintaining device (26) comprising an obstacle (90) configured to have a movement relative to the clamping rod, from a retracted position to a blocking position during the clamping rotation movement of the clamping rod. The retracted position of the obstacle corresponds at least to the insertion position of the clamping rod, whereas the blocking position of the obstacle corresponds at least to an intermediate position relative to the clamping rail (22), reached by the clamping rod in its clamping rotation movement, shifted with regard to the insertion position. The obstacle prevents a rotation movement of the clamping rod within the clamping volume in a direction (R3) opposite to the clamping direction.

IPC 8 full level

D03J 1/18 (2006.01)

CPC (source: CN EP)

D03J 1/14 (2013.01 - CN); **D03J 1/18** (2013.01 - EP)

Citation (applicant)

- US 5381594 A 19950117 - PICCIRILLO MARCELLO [CH], et al
- EP 2662481 A1 20131113 - STAEUBLI SARGANS AG [CH]
- EP 2199443 A1 20100623 - STAEUBLI AG PFAEFFIKON [CH]
- CN 211036281 U 20200717 - STAEUBLI SARGANS AG
- EP 1943381 A1 20080716 - STAEUBLI AG PFAEFFIKON [CH]

Citation (search report)

- [AD] US 5381594 A 19950117 - PICCIRILLO MARCELLO [CH], et al
- [AD] EP 2662481 A1 20131113 - STAEUBLI SARGANS AG [CH]
- [A] DE 1174267 B 19640716 - KNOTEX MASCHB GES M B H

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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