

Title (en)
A CORE-LESS YARN WINDING MACHINE

Title (de)
KERNLOSE GARNWICKELMASCHINE

Title (fr)
BOBINOIR POUR FILS SANS MANDRIN

Publication
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Application
EP 19900619 A 20190225

Priority
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Abstract (en)
[origin: WO2020130962A1] The invention is related to a core-less yarn winding machine (10) that comprises a winding group (20) having a winding shaft (23) on which the yarn obtained from the bobbin is wound and consists of a winding group body (21) that in order to realize the winding of the yarn on said winding shaft (23) moves the winding shaft (23) forwardly and moves the winding shaft (23) backwardly after the winding process is completed; a winding control center (50) having a diameter-density control wheel (55) that compresses the wound yarn underneath together with the start of the winding process; a yarn transfer group (60) having a primary forming lateral surface (24) and a secondary forming lateral surface (47) in a manner that creates the required winding form and that takes and transfers the wound yarn to the press group (80), and a press group (80) that gives form to this yarn.

IPC 8 full level
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CPC (source: EP)
B65H 54/58 (2013.01); **B65H 54/62** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [X] EP 2620402 A1 20130731 - MACH YVONAND SA [CH]
• [A] US 3112896 A 19631203 - PARKINS III JOHN H
• [A] KR 100519056 B1 20051006
• See also references of WO 2020130962A1

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