

Title (en)
A RING SPINNING AND TWISTING MACHINE

Title (de)
RINGSPINN- UND ZWIRNMASCHINE

Title (fr)
MACHINE A FILER ET RETORDRE A ANNEAUX

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Application
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Abstract (en)
[origin: WO0049210A2] This invention relates to a ring spinning and twisting machine. The ring and/or traveller assembly has a surface coating of amorphous hydrogenated carbon film. The machine comprises means for sequentially and automatically loading and unloading cops, automatic ring centering means, a top arm assembly having independent locking and loading means wherein said loading means is modular. The longitudinal side of the ring frame has an intermediate frame member connected thereto through a set of interchangeable spinning boxes, the sides of the boxes adjacent to the frame member and the sides opposite thereto having at least three and two mounting means respectively. Drafting rollers are segmented and are disposed diagonally above each spindle of the machine. The segmented drafting rollers on either side are drivable separately. Control and regulating means are provided for controlling the speed of primary and secondary traversing of the roving condenser.

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