

Title (en)
IMPROVED MACHINE FOR CONTINUOUSLY PLYING OR TWISTING YARNS WITH SUBSEQUENT COMPLEMENTARY HEAT TREATMENT

Title (de)
MASCHINE ZUM KONTINUIERLICHEN ZWIRNEN ODER KABLIEREN VON FÄDEN UND ANSCHLIESSEND ERGÄNZENDER WÄRMEBEHANDLUNG

Title (fr)
MACHINE PERFECTIONNEE PERMETTANT D'EFFECTUER, EN CONTINU, LE RETORDAGE OU LE CABLAGE DE FILS SUIVI D'UN TRAITEMENT THERMIQUE COMPLEMENTAIRE

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Abstract (en)
[origin: US5950412A] PCT No. PCT/FR96/00415 Sec. 371 Date Sep. 23, 1997 Sec. 102(e) Date Sep. 23, 1997 PCT Filed Mar. 20, 1996 PCT Pub. No. WO96/30573 PCT Pub. Date Oct. 3, 1996An improved machine for continuously twisting or cabling, as well as thermally treating of yarns includes a central stand capable of supporting a plurality of stations. Each station includes a direct cabling or double twist spindle for supporting and twisting or cabling a first yarn package together with a second yarn. The treatment zone is located downstream from the spindle wherein the yarn is delivered using a take-up which eliminates tension resulting from the cabling or twisting operation. The treatment zone includes a vertically disposed oven and adjacent cooling area. A take-up and return system adjacent the oven allows multiple passes to be taken through the oven, as needed, to treat the yarn under minimal tension to the cooling area and to a winding system.

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