

Title (en)
APPARATUS FOR MAKING A CORE YARN

Publication
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Application
EP 86100147 A 19860108

Priority
CH 21385 A 19850117

Abstract (en)
[origin: US4658574A] The apparatus comprises a stretching unit (S) delivering two stretched fiber rovings (4, 5). One fiber roving (4) serves as the core for the wrapped yarn to be produced and runs to a twist-imparting device (6, 7). The fibers of the other fiber roving (5) are transferred to a moving fiber feeding and holding surface (9) constituted by a perforated peripheral surface of a hollow disk (10). This surface (9) comes into contact with the core (4) at a point (C) in front of the twist-imparting device (6, 7). At this contact point (C), the fibers fed on the surface (9) are seized by the rotating core (4) and wound up. At the contact point (C), a fiber catching device (12) is likewise arranged, having an air-permeable surface (11) behind which a vacuum is maintained. Fibers fed along the fiber feeding and holding surface (9) which separate from this surface (9) before they have been wound up completely on the core (4) are sucked against the air-permeable surface (11) of the fiber catching device (12) and retained until they have been completely wound up. In this way, all fibers are wrapped onto the core (4) in stretched condition even at high operating velocities.

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