

Title (en)

METHOD AND DEVICE FOR PRODUCING A SPUN YARN FROM A CORD OF FIBERS

Publication

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Application

EP 82902728 A 19820915

Priority

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Abstract (en)

[origin: WO8301076A1] A cord of fibers (1) is drawn from a spinning can (2) and is brought by means of a supply device (3) to a tearing up roller (4). In this tearing up roller, the filaments of the cord are torn, thereby obtaining individual fibers. In the conductor channel (5), the broken up fibers are transported by an air stream to a rotor (6) and are deposited in the throat of the rotor. The yarn is drawn from the throat of the rotor by the emptying spinneret (7) and is also subjected to a twisting, and the terminated spin yarn is then wound on the bobbin (8), it is also possible to provide at the same time the supply device with cords of fibers obtained from different row materials and also to obtain mixtures with ribbons of fibers. The cords of fibers may be obtained by a fast spinning method and with such method the drawing becomes superfluous. The method is facilitated by using cords having an individual count of less than 2 dtex. By subjecting the cord of fibers to a prestress before its introduction in the supply device, the load on the latter is decreased. For the simultaneous treatment of a cord and a ribbon of fibers, they may be provided separately to supply devices and optionally to opener and tearing up rollers arranged coaxially.

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