

Title (en)
METHOD AND DEVICE FOR MANUFACTURING A YARN WITH A FRICTION SPINNING DEVICE

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Application
EP 85104480 A 19850412

Priority
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Abstract (en)
[origin: US4660371A] In a method and an apparatus for producing a yarn by means of friction spinning drums, a fiber sliver is drawn by a drafting mechanism to a body of fibers and transferred to a first perforated friction spinning drum of such friction spinning drums. At this first perforated friction spinning drum, the fibers are entrained by a suction air stream, produced by a suction passage located in the first perforated friction spinning drum, and are then fed into a converging space formed by and between the friction spinning drums. In this converging space the fibers are twisted into a spun yarn. The spun yarn is withdrawn by withdrawal rollers located near end faces of the friction spinning drums. The suction air stream required for entraining or catching the fibers is limited by walls forming the suction passage. The advantage of this apparatus is that the fibers are mechanically guided over the whole length of their travel path, i.e. from the body of fibers to the twisted yarn. As a result, the fibers never swim freely.

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IPC 8 full level
D01H 4/16 (2006.01); **D01H 1/11** (2006.01); **D01H 4/38** (2006.01)

CPC (source: EP US)
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Cited by
AT391891B; EP0278604A1; AT394004B; DE3441492A1; DE4319203A1; DE4319203C2; GB2259921A; FR2681879A1; BE1006177A3; GB2259921B; WO2009059438A1; TWI472657B

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