

Title (en)

METHOD AND DEVICE FOR THE PRODUCTION OF YARN

Publication

EP 0175862 B1 19880907 (DE)

Application

EP 85108613 A 19850710

Priority

CH 457984 A 19840925

Abstract (en)

[origin: US4628679A] A method and an apparatus for production of yarn by friction spinning is disclosed. The friction spinning method employs a perforated friction spinning drum towards which a fibre feed passage projects. An opening roller, known from the open-end rotor spinning process, feeds separated fibres into the fibre feed passage, which fibres are taken up by a transport air flow in the fibre feed passage. This transport air flow is produced by the perforated friction spinning drum which is subjected to underpressure. Fibres leaving an opening of the fibre feed passage are laid in an inclined disposition on the perforated friction spinning drum and transported in this disposition towards a yarn end forming at a yarn formation position. The spun yarn is withdrawn by a withdrawal roller pair. Advantageously, a second friction spinning drum is provided parallel to the first perforated friction spinning drum to cause the fibre twisting-in process to take place in a more accurately defined manner.

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IPC 8 full level

D01H 4/06 (2006.01); **D01H 4/16** (2006.01)

CPC (source: EP US)

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Cited by

US4856269A; AT397393B; DE3832110A1; US4938018A; US4918913A; DE4227549A1; US5421151A; US4901518A

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