Title (en)

Procedure for producing a twisted yarn in an integrated spinning and twisting process using the two-for-one principle, as well as a device to carry out the procedure

Title (de)

Verfahren zur Herstellung eines Zwirns in einem integrierten Spinn-Zwirnprozess nach dem Doppeldrahtprinzip sowie Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé pour fabriquer un retors dans un processus filature-torsion d'après le principle à double torsion ainsi que dispositif pour réaliser le processus

Publication

EP 0939152 B1 20010314 (DE)

Application

EP 98121675 A 19981113

Priority

DE 19807981 A 19980225

Abstract (en)

[origin: DE19807981C1] Two spinning rotors (1,2) within the two-for-one twister produce feed yarns (F1,F2) which pass through a hollow spindle (11) and flier arm (3) to give a twisted two-ply yarn (F3). The yarn balloon passes directly through the pneumatically conveyed fiber feed from feed channels (4.1,4.2) in the annular space (10). Suction (L3) is applied through the hollow drive shaft (23) and induces an airflow across the annular space (10). Annular seals (14.1,14.2) and a cover (12.4) prevent air bypassing the feed duct (6.1).

IPC 1-7

D01H 7/90; D01H 4/38

IPC 8 full level

D01H 1/10 (2006.01); **D01H 1/00** (2006.01); **D01H 4/00** (2006.01); **D01H 4/04** (2006.01); **D01H 4/38** (2006.01); **D01H 7/02** (2006.01); **D01H 7/86** (2006.01); **D01H 7/88** (2006.01); **D01H 7/90** (2006.01)

CPC (source: EP US)

D01H 4/38 (2013.01 - EP US); **D01H 7/90** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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