Title (en)

PROCESS AND DEVICE FOR THREAD JOINING ON AN OPEN-END SPINNING DEVICE

Publication

EP 0226582 B1 19920429 (DE)

Application

EP 85903813 A 19850801

Priority

- DE 3429131 A 19840808
- DE 3441677 A 19841115

Abstract (en)

[origin: WO8601235A1] In preparation for the fibre-joining process an underpressure is brought into effect outside the fibre transport path on the circumference of an opening cylinder (11), the underpressure being greater than the spinning underpressure which is effective at the opening (130) of the feed channel (13) for the fibre collection surface (33). In this way, the fibre flow over the opening (130) is diverted away and sucked up. At the start of the actual fibre joining process this underpressure is suppressed, so that the fibre flow is led to the fibre collector surface (33). To control the fibre flow an underpressure source (5) can be connected to the suction opening (52) by a switch-over device (64) and an underpressure line (51).

IPC 1-7

D01H 13/18; D01H 15/00; D01H 15/013

IPC 8 full level

D01H 4/50 (2006.01); **D01H 4/48** (2006.01); **D01H 4/52** (2006.01); **D01H 13/18** (2006.01); **D01H 15/00** (2006.01); **D01H 15/013** (2006.01)

CPC (source: EP US)

D01H 4/48 (2013.01 - EP US); **D01H 4/50** (2013.01 - EP US); **D01H 4/52** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

DE 3441677 A1 19860220; **DE 3441677 C2 19940224**; **DE 3441677 C3 19940224**; BR 8506852 A 19860923; CS 427890 A2 19911217; CZ 280898 B6 19960515; CZ 570885 A3 19960214; DE 3585954 D1 19920604; DE 3588068 D1 19960118; EP 0226582 A1 19870701; EP 0226582 B1 19920429; EP 0362899 A1 19900411; EP 0362899 B1 19951206; IN 163931 B 19881210; IN 166492 B 19900519; JP H06212519 A 19940802; JP H0689486 B2 19941109; JP S61502969 A 19861218; US 4676059 A 19870630; WO 8601235 A1 19860227

DOCDB simple family (application)

DE 3441677 A 19841115; BR 8506852 A 19850801; CS 427890 A 19900903; CS 570885 A 19850705; DE 3585954 T 19850801; DE 3588068 T 19850801; DE 8500260 W 19850801; EP 85903813 A 19850801; EP 89118965 A 19850801; IN 782MA1985 A 19851004; IN 95MA1985 A 19850206; JP 21774793 A 19930901; JP 50353585 A 19850801; US 86519886 A 19860508