

Title (en)

PIECING METHOD AND DEVICE FOR A FRICTION OPEN-END SPINNING MACHINE

Publication

EP 0170972 A3 19870616 (DE)

Application

EP 85109206 A 19850723

Priority

DE 3428890 A 19840804

Abstract (en)

[origin: US4633660A] A process for rejoining the thread on an open-end friction-spinning device, in which fibers are fed into a V-shaped nip subjected to suction, and the thread formed in the V-shaped nip is drawn off from this and wound onto a bobbin. For rejoining, the fiber feed into the V-shaped nip is interrupted and a thread end drawn off from the bobbin is guided towards the V-shaped nip counter to the spinning direction. This thread end is paid out in front of the V-shaped nip and is stored in a joinable length in a storage station at the end of the V-shaped nip facing away from the bobbin. The bobbin is then advanced towards its drive roller and the thread is drawn off from the storage station. After a predetermined time after the start of the thread draw-off, the fibers are fed again into the V-shaped nip, where they come up against the thread end running through the V-shaped nip and are twisted together with this.

IPC 1-7

D01H 15/02

IPC 8 full level

D01H 4/52 (2006.01)

CPC (source: EP US)

D01H 4/52 (2013.01 - EP US)

Citation (search report)

- [XP] DE 3416456 A1 19841122 - SCHLAFHORST & CO W [DE]
- [XP] DE 3347726 A1 19841031 - STAHLLECKER FRITZ [DE], et al
- [XP] DE 3325928 A1 19850131 - STAHLLECKER FRITZ [DE], et al
- [XP] DE 3321234 A1 19841213 - STAHLLECKER FRITZ, et al
- [XP] DE 3318266 A1 19841122 - STAHLLECKER FRITZ [DE], et al
- [XP] DE 3315034 A1 19841031 - STAHLLECKER FRITZ [DE], et al
- [E] GB 2158468 A 19851113 - REINERS VERWALTUNGS GMBH
- [A] EP 0034427 A1 19810826 - HOLLINGSWORTH UK LTD [GB]
- [A] GB 2059453 A 19810423 - SCHUBERT & SALZER MASCHINEN

Cited by

WO8910990A1

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DOCDB simple family (publication)

EP 0170972 A2 19860212; EP 0170972 A3 19870616; EP 0170972 B1 19920708; BR 8503662 A 19860506; CS 276713 B6 19920812; CS 567485 A3 19920219; DE 3428890 A1 19860213; DE 3586302 D1 19920813; IN 166178 B 19900324; US 4633660 A 19870106

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