

Title (en)  
OPEN-END SPINNING PROCESS AND DEVICE FOR ITS IMPLEMENTATION

Publication  
**EP 0236324 B1 19890315 (DE)**

Application  
**EP 85905772 A 19851111**

Priority  
DE 3441495 A 19841113

Abstract (en)  
[origin: WO8602957A1] An open-end spinning process in which a fibre sliver (B) is separated into individual fibres and the separated material is conveyed in an air current to a collection surface (70), from which it is withdrawn with a twisting movement. According to the invention, the fibre material is deposited onto a collection surface (70) which moves in the direction of thread withdrawal, and is continually removed from the collection surface with a twisting delivery to form a thread. The individual fibres are fed in the direction of movement of the collection surface (70), as a result of which the fibres are deposited in an oriented manner on the collection surface (70). Doubling is separate from the spinning process, owing to the fact that the fibre material is bunched on the collection surface (70) and/or doubled into a fibre bundle which possesses the necessary thread weight for the desired thread. Twisting delivery is effected independently of the collection surface (70) by a twisting component which is already known.

IPC 1-7  
**D01H 1/135**; **D01H 7/882**

IPC 8 full level  
**D01H 4/02** (2006.01); **D01H 4/16** (2006.01); **D01H 4/30** (2006.01)

CPC (source: EP US)  
**D01H 4/02** (2013.01 - EP US); **D01H 4/16** (2013.01 - EP US); **D01H 4/30** (2013.01 - EP US)

Cited by  
US5187930A; US5768879A; US5222352A

Designated contracting state (EPC)  
CH DE GB IT LI

DOCDB simple family (publication)  
**WO 8602957 A1 19860522**; CN 1013125 B 19910710; CN 85108991 A 19860820; CS 816185 A2 19910514; DE 3441495 A1 19860522; DE 3441495 C2 19880915; DE 3568806 D1 19890420; EP 0236324 A1 19870916; EP 0236324 B1 19890315; IN 166334 B 19900414; US 4718227 A 19880112

DOCDB simple family (application)  
**DE 8500449 W 19851111**; CN 85108991 A 19851109; CS 816185 A 19851113; DE 3441495 A 19841113; DE 3568806 T 19851111; EP 85905772 A 19851111; IN 946MA1985 A 19851122; US 87897886 A 19860630