

Title (en)  
METHOD AND APPARATUS FOR AUTOMATICALLY JOINING A STAPLE FIBRE SLIVER

Publication  
**EP 0296547 B1 19920805 (DE)**

Application  
**EP 88109893 A 19880622**

Priority  
CH 237787 A 19870624

Abstract (en)  
[origin: JPS6420333A] PURPOSE: To continuously operate a spinning frame by changing a feed stock between an acting position and a readiness position depending on the presence or absence of the staple fiber sliver directing to the feed stock put in the acting position from a package.  
CONSTITUTION: A unit comprising a feed stock 13 and a holding table 15 and a unit of a feed stock 19 and a holding table 20 are installed to a shaft and those units are rotated by driving the shaft. The rotation is carried out in 180 degree of angle per minute and each of feed stocks 13 and 19 alternatively occupies an acting position and a readiness position. A sliver 11 is taken out from a can and pulled out through a feed unit 13 in an operating position. A second sliver fed from an auxiliary can is fed through a pass 18 and held there.

IPC 1-7  
**B65H 67/02; D01H 9/00; D01H 13/04**

IPC 8 full level  
**D01H 5/72** (2006.01); **D01H 4/00** (2006.01); **D01H 4/32** (2006.01); **D01H 9/00** (2006.01); **D01H 9/18** (2006.01); **D01H 13/04** (2006.01); **D01H 13/16** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP US)  
**D01H 9/005** (2013.01 - EP US); **D01H 9/008** (2013.01 - EP US); **D01H 13/04** (2013.01 - EP US); **D01H 15/00** (2013.01 - EP US)

Cited by  
EP0527355A1; WO2014009189A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0296547 A1 19881228; EP 0296547 B1 19920805**; BR 8803050 A 19890110; CN 1017911 B 19920819; CN 1032370 A 19890412; CS 277008 B6 19921118; CS 425388 A3 19920415; DE 3873435 D1 19920910; DE 3883629 D1 19931007; EP 0296546 A1 19881228; EP 0296546 B1 19930901; ES 2034038 T3 19930401; IN 172151 B 19930417; JP H0197227 A 19890414; JP S6420333 A 19890124; US 4838018 A 19890613; US 4964267 A 19901023; US 4970855 A 19901120; US 5105614 A 19920421

DOCDB simple family (application)  
**EP 88109893 A 19880622**; BR 8803050 A 19880622; CN 88103835 A 19880624; CS 425388 A 19880620; DE 3873435 T 19880622; DE 3883629 T 19880622; EP 88109892 A 19880622; ES 88109893 T 19880622; IN 438MA1988 A 19880624; JP 15370888 A 19880623; JP 15370988 A 19880623; US 21123888 A 19880624; US 39560689 A 19890818; US 42628189 A 19891025; US 45615689 A 19891222