

Title (en)  
Method and device for the maintenance of spinning units in a spinning machine

Title (de)  
Verfahren und Vorrichtung zum Warten von Aggregaten einer Spinnmaschine

Title (fr)  
Procédé et dispositif pour l'entretien des postes de filage dans un métiers à filer

Publication  
**EP 1418259 A3 20050302 (DE)**

Application  
**EP 03022024 A 20031001**

Priority  
DE 10251623 A 20021106

Abstract (en)  
[origin: EP1418259A2] A spinning assembly with a series of identical stations is maintained by a maintenance process using equipment which moves from station to station. The maintenance operation is esp. split into a first preliminary operation, followed by manual maintenance, or vice versa. The spinning assembly is shut down prior to maintenance. Prior to maintenance, the feed roller is reversed. Prior to a new batch, all bobbins are removed and are replaced by empty units, and other elements may be replaced. Cleaning takes place in the first-stage operation. Also claimed is a commensurate spinning assembly (2) with a semi-automated maintenance system having a control panel (4), release devices (41, 42), moving maintenance unit (3), control system (30), reel changers (8) and magazines (80, 81) for interchangeable components.

IPC 1-7  
**D01H 13/00**; **D01H 4/00**

IPC 8 full level  
**D01H 4/00** (2006.01); **D01H 4/48** (2006.01); **D01H 13/00** (2006.01); **D01H 15/013** (2006.01)

CPC (source: EP)  
**D01H 4/00** (2013.01); **D01H 4/50** (2013.01); **D01H 13/005** (2013.01); **D01H 15/013** (2013.01)

Citation (search report)  
• [A] US 5611195 A 19970318 - LOVAS KURT [DE], et al  
• [A] DE 4107403 A1 19920910 - STAHLCKER FRITZ [DE], et al  
• [A] DE 3135333 A1 19830324 - ZINSER TEXTILMASCHINEN GMBH [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1418259 A2 20040512**; **EP 1418259 A3 20050302**; **EP 1418259 B1 20060719**; CN 100554541 C 20091028; CN 1498993 A 20040526; DE 10251623 A1 20040519; DE 50304277 D1 20060831

DOCDB simple family (application)  
**EP 03022024 A 20031001**; CN 200310114197 A 20031106; DE 10251623 A 20021106; DE 50304277 T 20031001