

Title (en)

Power wiring for a twisting unit

Title (de)

Netzverdrahtung für eine Zwinneinheit

Title (fr)

Cablage électrique pour un module de retordage

Publication

**EP 1734160 A3 20070822 (EN)**

Application

**EP 06021064 A 19991201**

Priority

- EP 99123845 A 19991201
- JP 34280598 A 19981202

Abstract (en)

[origin: EP1006222A2] The present invention relates to a twisting unit comprising a drive motor M provided coaxially with a spindle shaft 1 to drive this shaft, the spindle shaft 1 being rotated to twist a yarn, comprising a sleeve 11 configured separately from the spindle shaft 1 and having a rotor 12 of the drive motor M secured to its outercircumferential surface, a motor housing having a stator 14 of the drive motor M secured to its inner circumferential surface, bearings 18, 17 for rotatably supporting the sleeve both above and below the rotor 12 relative to the motor housing. By allowing the spindle shaft 1 to be inserted into or removed from the sleeve 11, the spindle motor 1 can be inserted or removed separately from the rotor 12 of the drive motor M and various inconveniences associated with attachment and detachment of a rotor integrally with a spindle shaft can be eliminated. <IMAGE>

IPC 8 full level

**D01H 1/244** (2006.01); **D01H 7/08** (2006.01); **D01H 7/20** (2006.01); **D01H 7/86** (2006.01); **D01H 7/88** (2006.01)

CPC (source: EP)

**D01H 1/244** (2013.01); **D01H 7/88** (2013.01)

Citation (search report)

- [X] GB 500405 A 19390208 - BRITISH THOMSON HOUSTON CO LTD
- [X] GB 500691 A 19390214 - BRITISH THOMSON HOUSTON CO LTD
- [A] US 2115268 A 19380426 - FREDERICK KLEIN

Cited by

CN115418758A

Designated contracting state (EPC)

DE FR IT

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**EP 1006222 A2 20000607**; **EP 1006222 A3 20020724**; **EP 1006222 B1 20061018**; DE 69933638 D1 20061130; DE 69933638 T2 20070823; DE 69943252 D1 20110414; EP 1734160 A2 20061220; EP 1734160 A3 20070822; EP 1734162 A2 20061220; EP 1734162 A3 20070822; EP 1734162 B1 20110302; JP 2000170041 A 20000620; JP 3322226 B2 20020909

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**EP 99123845 A 19991201**; DE 69933638 T 19991201; DE 69943252 T 19991201; EP 06021050 A 19991201; EP 06021064 A 19991201; JP 34280598 A 19981202