

Title (en)
TWISTING SPINDLE DRIVEN BY AN INDIVIDUAL ELECTRIC MOTOR

Publication
EP 0069030 B1 19850213 (FR)

Application
EP 82420076 A 19820614

Priority
FR 8112918 A 19810629

Abstract (en)
[origin: ES8305063A1] A twisting spindle driven by an individual electric motor wherein fastening of the body of the motor as well as maintaining and guiding of the barrel of the spindle are effected via a rigid sleeve surrounding the barrel, the sleeve passing through the frame and serving as a cage for anti-friction bearings which permit rotation of the spindle, and having at its ends two collars, one fastened elastically to the frame and the other rigidly connected to the body or stator of the motor.

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D01H 1/244

IPC 8 full level
B65H 54/44 (2006.01); **D01H 1/244** (2006.01)

CPC (source: EP US)
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Cited by
DE3924373A1; US5127218A; DE3924373C2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0069030 A1 19830105; EP 0069030 B1 19850213; DE 3262309 D1 19850328; ES 513540 A0 19830316; ES 8305063 A1 19830316; FR 2508499 A1 19821231; FR 2508499 B1 19840210; JP S584555 U 19830112; JP S6243970 Y2 19871117; US 4420926 A 19831220

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