

Title (en)

TWISTING SPINDLE DRIVEN BY A SINGLE ELECTRIC MOTOR

Publication

EP 0395541 B1 19931013 (FR)

Application

EP 90420199 A 19900420

Priority

FR 8905768 A 19890425

Abstract (en)

[origin: EP0395541A1] Double-twist twisting spindle (2) driven by a single electric motor (9), the stator (10) of which is fastened to the supporting frame (1) of the machine and the rotor (11) of which is fixed to the shank (2) of the spindle, a fixed package carrier (3) being arranged in the extension of said spindle. <??>It is characterised in that the mounting of the fixed members on the frame (1) of the machine is carried out by means of a sleeve (12) which is mounted elastically on the frame (1) and which is integral with the housing of the motor, the bearings (14, 15) which guide and support said spindle being mounted inside an intermediate bush (16) mounted removably inside the supporting sleeve (12). <IMAGE>

IPC 1-7

D01H 1/244

IPC 8 full level

D01H 1/244 (2006.01); **D01H 7/12** (2006.01); **D01H 7/86** (2006.01)

CPC (source: EP US)

D01H 1/244 (2013.01 - EP US); **D02G 3/285** (2013.01 - EP US)

Cited by

EP0570822A1; US5404704A; EP1443133A1; EP1437429A1; EP0972867A3; WO9705310A1

Designated contracting state (EPC)

BE DE ES GB IT

DOCDB simple family (publication)

EP 0395541 A1 19901031; **EP 0395541 B1 19931013**; DE 69003859 D1 19931118; DE 69003859 T2 19940224; ES 2045867 T3 19940116; FR 2646175 A1 19901026; FR 2646175 B1 19910614; JP 2848670 B2 19990120; JP H0314636 A 19910123; US 5111647 A 19920512

DOCDB simple family (application)

EP 90420199 A 19900420; DE 69003859 T 19900420; ES 90420199 T 19900420; FR 8905768 A 19890425; JP 10855190 A 19900424; US 50977890 A 19900417