

Title (en)

CUT-OFF DEVICE FOR AN ELECTRIC BOBBIN STARTER AXLE DRIVE SUCH AS A VARIABLE-SPEED THREE-PHASE A.C. MOTOR

Publication

**EP 0061646 B1 19850703 (DE)**

Application

**EP 82102120 A 19820316**

Priority

DE 3111990 A 19810326

Abstract (en)

[origin: US4404501A] A circuit for automatically disconnecting a shaft drive spinning a textile winding bobbin and automatically substituting a circumferential cylinder drive for the shaft drive is disclosed. The cylinder drive becomes effective a short time after the start of the textile winding process. A signal proportional to the torque of the shaft drive motor is stored in a storage amplifier shortly after the start of the winding process. If the continuously measured instantaneous current value of the shaft drive exceeds, when both drives operate in parallel, the stored current value, a command to switch off the shaft drive is given.

IPC 1-7

**B65H 54/42**

IPC 8 full level

**B65H 54/42** (2006.01)

CPC (source: EP US)

**B65H 54/42** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

DE3610838A1; EP0200234A3; EP0182389A3; EP0094483A1

Designated contracting state (EPC)

CH FR LI

DOCDB simple family (publication)

**EP 0061646 A1 19821006; EP 0061646 B1 19850703**; DE 3111990 A1 19821014; DE 3111990 C2 19840322; US 4404501 A 19830913

DOCDB simple family (application)

**EP 82102120 A 19820316**; DE 3111990 A 19810326; US 36135582 A 19820324