

Title (en)  
CONTROL DEVICE FOR THE ROTATION SPEED OF THE SPINDLES OF A ROVING FRAME

Publication  
**EP 0036002 B1 19830727 (DE)**

Application  
**EP 80901721 A 19810408**

Priority  
CH 876879 A 19790928

Abstract (en)  
[origin: WO8100866A1] Control device for controlling the rotation speed of the spindles (2) of a roving frame fitted with spindles (2) and fly-wheels (7). The control comprises a variator (28) with a continuous adjustment, and which is adjusted by a step by step rotary control shaft (36). The control shaft (36) is driven by a servo-motor (39) which receives pulses from a control (37) comprising a regulator of the programmed order value and a correction means (60). In a particularly appropriate alternative, the correction means (60) is provided as a cross-bar distributor (65). This device is particularly useful for the operator and allows specially and extremely precise adjustment of the rotation speed of the spindles. This adjusting operation may be effected during running of the roving frame.

IPC 1-7  
**D01H 1/36**

IPC 8 full level  
**D01H 1/34** (2006.01); **D01H 1/36** (2006.01)

CPC (source: EP US)  
**D01H 1/34** (2013.01 - EP US)

Cited by  
US5367331A

Designated contracting state (EPC)  
AT CH DE FR GB LI NL

DOCDB simple family (publication)  
**WO 8100866 A1 19810402**; AT E4332 T1 19830815; AU 538097 B2 19840726; AU 6332480 A 19810414; BE 885439 A 19810326; BR 8008852 A 19810721; DE 3064419 D1 19830901; EP 0036002 A1 19810923; EP 0036002 B1 19830727; ES 495765 A0 19820301; ES 8203114 A1 19820301; HK 70284 A 19840921; IN 153941 B 19840901; IT 1194694 B 19880922; IT 8024907 A0 19800925; JP S56501249 A 19810903; JP S638213 B2 19880222; US 4375744 A 19830308

DOCDB simple family (application)  
**EP 8000091 W 19800903**; AT 80901721 T 19800903; AU 6332480 A 19800903; BE 202265 A 19800926; BR 8008852 A 19800903; DE 3064419 T 19800903; EP 80901721 A 19810408; ES 495765 A 19800926; HK 70284 A 19840913; IN 1052CA1980 A 19800915; IT 2490780 A 19800925; JP 50206580 A 19800903; US 26115381 A 19810420