

Title (en)  
PROCESS AND DEVICE FOR THE DRIVE CONTROL OF ROTARY MACHINE PARTS, SUCH AS THE ROLLS OF A CONTINUOUS-ROLLING MILL

Publication  
**EP 0207053 A3 19890426 (DE)**

Application  
**EP 86890139 A 19860514**

Priority  
AT 174285 A 19850611

Abstract (en)  
[origin: EP0207053A2] The method employs hydraulic motors (1), the angle of tilt of which is adjusted by an actuator (2) for the purpose of altering the capacity and hence the torque which can be transmitted. In addition, a restrictor (4), the aperture cross-section of which is adjustable, is inserted in the fluid feed. Control is effected in such a way that the angle of tilt for transmitting a specified torque is adjusted in an adjusting movement decoupled from the control of the speed, prior to the occurrence of a load torque, the control of the speed being effected exclusively by altering the energy supply to the hydraulic motor, whereupon, to maintain the working speed after the occurrence of a load torque, the control of the speed is effected taking into account in the control of the speed the actuating device for the adjustment, in particular the angular adjustment, of the hydraulic motor. <IMAGE>

IPC 1-7  
**B21B 37/00**

IPC 8 full level  
**B21B 37/52** (2006.01); **B21B 35/00** (2006.01)

CPC (source: EP)  
**B21B 37/52** (2013.01); **B21B 2035/005** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0207053 A2 19861230; EP 0207053 A3 19890426; AT 383059 B 19870511; AT A174285 A 19861015**

DOCDB simple family (application)  
**EP 86890139 A 19860514; AT 174285 A 19850611**