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(11)

EP 1 208 927 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
02.05.2003 Bulletin 2003/18

(51) Int Cl.7: **B21H 5/02**

(43) Date of publication A2:
29.05.2002 Bulletin 2002/22

(21) Application number: **00128748.1**

(22) Date of filing: **30.12.2000**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **24.11.2000 KR 2000070232**

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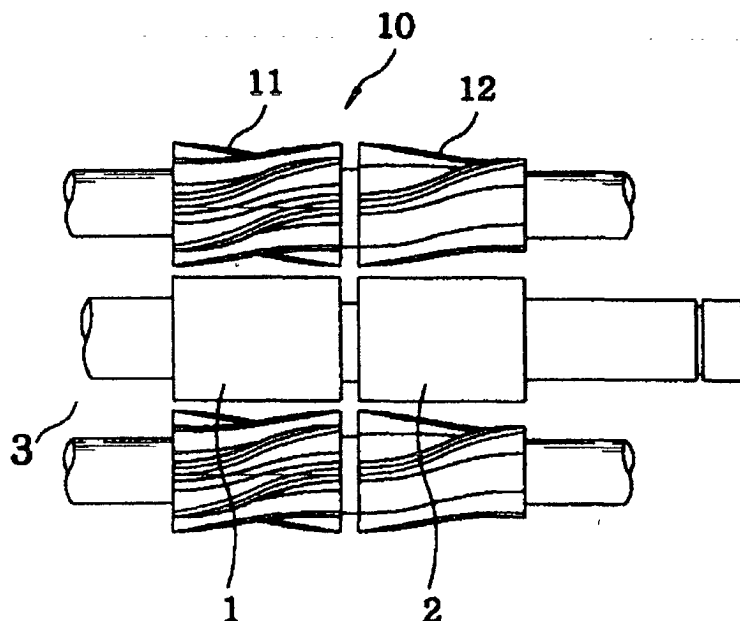
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(54) **Rolling machine capable of forming different types of teeth simultaneously**

(57) A rolling machine for performing a rolling of different types of teeth mounted on a shaft, is provided with a forming die (10) including a first section (11) and a second section (12) provided with a camming profiled circumferential surface of 360 degree. The circumferential surface is divided into a guide surface of a predetermined angle, a gradual forming surface of a predetermined

angle, a finishing section surface of a predetermined angle, and a rotation stop section surface of a predetermined angle, which are angularly positioned in that order on the circumferential surface. The rolling machine is also provided with a power transmitting device for transmitting and disconnecting a driving force to the forming die (10) and a position detecting sensor for controlling a stop timing of the forming die.

Fig. 2



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EUROPEAN SEARCH REPORT

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EP 00 12 8748

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EPO FORM 1503 03/82 (P04C01)



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Application Number
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