

Title (en)

Combing machine electronically managed with improved system for the advancing phase correction

Title (de)

Elektronisch gesteuerte Kämmaschine mit verbesserten System für die fortschreitende Fasenkorrektur

Title (fr)

Machine de peignage commandée électroniquement avec un system amélioré pour la correction de phase progressive

Publication

**EP 0730050 A1 19960904 (EN)**

Application

**EP 96102842 A 19960226**

Priority

IT UD950032 A 19950228

Abstract (en)

A combing machine comprising a plurality of combing groups including at least one combing roll (6) and at least one couple of tearing rollers (411-411'; 412-412') that can move in a clockwise and anti-clockwise rotation to accompany the slivers in advancement (11,12,13,...), associated to combing system with comb (52) and nippers (51-54) with reciprocating movement that joins and combs the torn tufts of said slivers on said tearing rollers (412-412') to obtain again a continuity of the sliver, and this by using: at least one electric motor (67) that operates said combing rolls and an electric motor that operates said tearing rollers (411;412); where both said motors are associated to encoders (420,690) that determine and measure the rotation parameters of at least said combing rolls (6-690) and said tearing rollers (4-420), characterized in that said machine has means for maintaining the tension (91) that store the angular rotation position of the combing roll (G-H, I-L) and of the tearing rollers motor, and the position of the nipper comb system (E-F-E), by means of said encoders (420,690) thus always maintained in tension of storage and/or impulse emission  
<IMAGE> <IMAGE>

IPC 1-7

**D01G 19/26**

IPC 8 full level

**D01G 19/26** (2006.01)

CPC (source: EP)

**D01G 19/26** (2013.01)

Citation (search report)

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- [A] EP 0573121 A1 19931208 - IND MECCANOTESSILI MARZOLI S R [IT]
- [AD] EP 0374723 A2 19900627 - RIETER AG MASCHF [CH]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 14, no. 446 (C - 0763) 25 September 1990 (1990-09-25)

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**EP 0730050 A1 19960904; EP 0730050 B1 20021009**; DE 69624157 D1 20021114; DE 69624157 T2 20030612; ES 2186736 T3 20030516; IT 1280138 B1 19980105; IT UD950032 A0 19950228; IT UD950032 A1 19960828

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