

Title (en)
FEED ROLL DRIVE DEVICE FOR A COMBING MACHINE

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EP 0322694 B1 19920129 (DE)

Application
EP 88121196 A 19881217

Priority
CH 505987 A 19871224

Abstract (en)
[origin: EP0322694A1] In the drive device for the feed roll of a combing machine, the pivoting movements of the arms carrying the upper member of the combing-machine gripper are utilised for generating the stepwise movement of the feed roll. For this purpose, the arms are coupled to the feed roll via a coupling. <??>According to the invention, the coupling comprises a freewheel 15 with an inner part 16, an outer part 17 and clamping bodies 18 located between these, one of these parts 16 being coupled to the feed roll 20 and the other of these parts 17 being coupled to the arm 12 via a mounting 19 and a connecting rod 21. <??>The invention affords the advantages that a change from forward feed to reverse feed and vice versa can be carried out in a simple way. The idle travel during the change from the no-load position to the clamping position and vice versa is very small, and consequently the advances are always of virtually exactly the same amount, thereby ensuring an improvement of the sliver produced. <??>Furthermore, there is provided a method for executing the amount of feed proportionately during the forward and reverse movements of the gripper unit, the respective proportion being predeterminable. A virtually continuous feed at a low feed speed thereby becomes possible. <IMAGE>

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CPC (source: EP KR US)
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EP 0322694 A1 19890705; EP 0322694 B1 19920129; BR 8806869 A 19890829; CN 1016974 B 19920610; CN 1034230 A 19890726; DD 283427 A5 19901010; DE 3868257 D1 19920312; IN 172069 B 19930327; JP H01192830 A 19890802; KR 890010311 A 19890808; KR 910006255 B1 19910819; US 4958413 A 19900925

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