

Title (en)

Apparatus for providing reciprocating rotary drive to the detaching rollers of a combing machine

Title (de)

Vorrichtung für einen Hin- und Herdrehantrieb von Abreisszylindern einer Kämmaschine

Title (fr)

Appareil pour l'entraînement en rotation alternée de cylindres arracheurs d'une machine de peignage

Publication

**EP 0771893 A1 19970507 (EN)**

Application

**EP 95830465 A 19951102**

Priority

EP 95830465 A 19951102

Abstract (en)

Apparatus for providing reciprocating rotary drive to the detaching rollers of a combing machine comprises a detaching roller (3), a distributor valve (11) actuated by an electrical control, hydraulic means (9) actuated by pressurised fluid through the distributor valve (11) and kinematically connected to the detaching roller (3) to drive its rotation in both senses, a sensor (32) which generates a signal correlated to the progress of the combing machine operating cycle, a sensor (20) which generates a signal correlated to the angular position of the detaching roller (3) and an electronic control and drive unit (31) connected to the sensors (20, 32). To advantage, the operation of the distributor valve (11) is controlled by the electronic control and command unit (31) in dependence on the signals generated by the sensors so as to effect reciprocating rotation of the detaching roller (3) through different angles in accordance with the desired law of movement. <IMAGE>

IPC 1-7

**D01G 19/26**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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**EP 0771893 A1 19970507; EP 0771893 B1 20000126**; DE 69514806 D1 20000302; DE 69514806 T2 20000803

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