

Title (en)  
Jaw of a combing machine

Title (de)  
Zange einer Kämmaschine

Title (fr)  
Pince d'une machine de peignage

Publication  
**EP 0967307 A3 20000119 (DE)**

Application  
**EP 99810557 A 19990624**

Priority  
CH 135998 A 19980625

Abstract (en)  
[origin: EP0967307A2] The nipper assembly (6,8,9,10) of a combing machine has a lower nipper frame (6) and a linked swing upper nipper frame (10), with a swing spring leg (12) on a pivot axis (A). The axis (A) has at least one gear stage (20) with out-of-round cogwheels (16,19) to shift the axis (A). The spring leg (12) swings on an eccentric (17), operated by a drive shaft (18) at the machine frame. At least one out-of-round cogwheel (16) of the gear stage (20) is keyed to the shaft (18). The gear stage (20) is linked to the drive shaft (4) of the nipper assembly (6,8,9,10) through a further gear stage (23), and to the main gearing (26) through a further gear stage, as the transmission from the main drive motor (27). The out-of-round input cogwheel (19) of the gear stage (20) and the output wheel (22) of the further gear stage (23) are both keyed to a common shaft (21). At least one gear wheel (22,24) of the further gear stage (23) has a release coupling with the drive shafts (4a,21).

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CPC (source: EP)  
**D01G 19/16** (2013.01); **D01G 19/26** (2013.01)

Citation (search report)  
• [A] CH 682674 A5 19931029 - RIETER AG MASCHF  
• [A] US 1379789 A 19210531 - JOSEPH TURNER  
• [A] US 3600758 A 19710824 - VONKAENEL JOHN CLIFFORD, et al  
• [X] PATENT ABSTRACTS OF JAPAN vol. 11, no. 381 (C - 464) 12 December 1987 (1987-12-12)

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