

Title (en)
Jaw of a combing machine

Title (de)
Zange einer Kämmaschine

Title (fr)
Pince d'une machine de peignage

Publication
EP 0967307 B1 20030423 (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).

IPC 1-7
D01G 19/16; **D01G 19/26**

IPC 8 full level
D01G 19/16 (2006.01); **D01G 19/26** (2006.01)

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

Cited by
CN102292479A; FR2851261A1; EP4245897A1; EP1586682A1; WO2007128403A1; EP2400048A2; JP2012007251A

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 0967307 A2 19991229; **EP 0967307 A3 20000119**; **EP 0967307 B1 20030423**; CN 1138027 C 20040211; CN 1241652 A 20000119; DE 59905141 D1 20030528

DOCDB simple family (application)
EP 99810557 A 19990624; CN 99108912 A 19990624; DE 59905141 T 19990624