

Title (en)
Combing machine

Title (de)
Kämmmaschine

Title (fr)
Machine de peignage

Publication
EP 0718421 B1 19990616 (DE)

Application
EP 95119354 A 19951208

Priority
• CH 393094 A 19941223
• DE 19532592 A 19950904

Abstract (en)
[origin: EP0718421A2] A combing segment (18) on a comb rotates about an axis (14) and is cleaned by a driven rotary cleaning device (30). The min. distance between the circumscribing circle (E) of the cleaning device and the axis (14) is greater than the max. radius (R) of the combing segment (18). Pref. the cleaning device (30) is a cylinder covered with saw-toothed card clothing wire (38) and rotates in the opposite direction (34) to the combing cylinder (10). The speed of the cleaning device is about 8-10% greater than the peripheral speed of the combing segment. The min. gap (d) between the combing segment (18) and the wire (38) is about 0.05 - 0.5 mm, pref. not more than 0.1 mm. Noil collected on the wire (38) is removed by suction (56) through slots (52) in a grid (54).

IPC 1-7
D01G 19/22; **D01G 19/10**

IPC 8 full level
D01G 19/10 (2006.01); **D01G 19/22** (2006.01)

CPC (source: EP)
D01G 19/105 (2013.01); **D01G 19/22** (2013.01)

Cited by
CN104695065A; CN104278366A; WO2018207044A1

Designated contracting state (EPC)
CH DE IT LI

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EP 0718421 A2 19960626; **EP 0718421 A3 19970212**; **EP 0718421 B1 19990616**; DE 59506231 D1 19990722; JP H08260256 A 19961008

DOCDB simple family (application)
EP 95119354 A 19951208; DE 59506231 T 19951208; JP 33037495 A 19951219