

Title (en)
RECTILINEAR COMBING MACHINE

Title (de)
FLACHKÄMMMASCHINE

Title (fr)
PEIGNEUSE RECTILIGNE

Publication
EP 3748051 B1 20220309 (EN)

Application
EP 20177349 A 20200529

Priority
• IT 201900008070 A 20190605
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Abstract (en)
[origin: EP3748051A1] A pair of counter-rotating tearing rollers (18, 20) is mounted on a frame (22) which swings with an alternating motion about a first axis (PI), under the control of first motorized transmission means, with respect to a clamp (12) which retains a ribbon (F) of fibers, so as to move the tearing rollers (18, 20) closer to the clamp (12) in order to pinch a protruding head of the ribbon (F), and then move the tearing rollers (18, 20) away from the clamp (12) so as to tear a tuft of fibers from the ribbon (F). The motorized transmission means comprise a first connecting rod-crank mechanism (30), which is connected to the frame (22) by means of linkages (33) and is actuated by a motor (32) which is controlled electronically according to a predetermined mathematical function.

IPC 8 full level
D01G 19/26 (2006.01)

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