

Title (en)
Hackling or combing of fibres.

Title (de)
Hecheln oder Kämmen von Fasern.

Title (fr)
Sérançage ou peignage de fibres.

Publication
EP 0222532 A2 19870520 (EN)

Application
EP 86308173 A 19861021

Priority
GB 8527226 A 19851105

Abstract (en)
A bundles of fibres 32 suspended from a holder 34 is combed by co-operating arrays of pins 31,33 which are driven around closed paths defined by rollers 37, 38, 39,35,40,41. When the arrays are moved together, they form a substantially vertical working reach over which the pins in the arrays are opposed as they move in a downward direction alongside one another in order to comb the fibres. The arrays are pivoted about the lower rollers 35,37, and mechanism including cams 50, followers 51 and links 54 periodically adjusts the spacing between the co-operating arrays of pins in the working reach so as to increase the gap between them, as shown. The bundle of fibres is moved into the zone of the working reach at a time when the gap is increased and when the arrays of pins come together, combing takes place. The arrays then move apart again and a fresh bundle of fibres is introduced.

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Cited by
CN104294372A; CN104278333A; CN104294373A; EP0882819A1; BE1011194A3

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EP 0222532 A2 19870520; EP 0222532 A3 19880427; EP 0222532 B1 19920311; CN 1017732 B 19920805; CN 86108302 A 19870617; GB 8527226 D0 19851211; SU 1449015 A3 19881230

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EP 86308173 A 19861021; CN 86108302 A 19861103; GB 8527226 A 19851105; SU 4028483 A 19861104