

Title (en)

Carding engine and method of carding textile fibres.

Title (de)

Karde und Verfahren zum Kardieren von Textilfasern.

Title (fr)

Carde et procédé pour le cardage de fibres textiles.

Publication

EP 0019455 A1 19801126 (EN)

Application

EP 80301574 A 19800514

Priority

- GB 7917384 A 19790518
- GB 7920286 A 19790611
- GB 7942542 A 19791210

Abstract (en)

A carding engine in which the arc of the carding cylinder that lies between flats (5), and the doffer (6) has part of the inner surface which constitutes a restricting section extending across the full width of the carding cylinder (4). The section (12) is set at spacing of less than 0.25mm from the periphery formed by the tips of the saw tooth wire of the cylinder surface and changes the air flows to reduce sucking back of flat strips. Presence of the restricting section (12) unexpectedly allows increased cylinder speeds resulting in higher production rates.

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D01G 15/24; **D01G 15/76**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- FR 2033747 A5 19701204 - HOLLINGSWORTH JOHN
- DE 2028317 A1 19701217
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CN103160958A; CN113994035A; EP0260231A1

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