

Title (en)
CIRCULAR KNITTING MACHINE FOR MANUFACTURING HIGH PILE SLIVER KNITWORK

Publication
EP 0091025 B1 19880608 (DE)

Application
EP 83102941 A 19830324

Priority
DE 3212580 A 19820403

Abstract (en)
[origin: US4546622A] A circular knitting machine for the production of knit goods with combed-in fibers, has a rotating needle cylinder in which needles having hooks for receiving fibers are mounted, at least one carding device having a feed apparatus for feeding a fiber strand, a separating apparatus for separating the fiber strand into a stream of individual fibers, and a combing-in zone through which the needles pass, and wherein the fibers are carried within the fiber stream for the purpose of contactlessly combing-in the fibers into the hooks of the needles. Guides are provided ahead of the combing-in zone for the purpose of dividing the fiber stream into partial fiber streams, thus considerably reducing or varying the percentage of fibers which are bound across several neighboring loops by several neighboring needles.

IPC 1-7
D04B 9/14

IPC 8 full level
D04B 9/14 (2006.01)

CPC (source: EP US)
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AT FR GB IT

DOCDB simple family (publication)
EP 0091025 A2 19831012; EP 0091025 A3 19860212; EP 0091025 B1 19880608; AT E35004 T1 19880615; DD 210315 A5 19840606;
DE 3212580 A1 19831013; DE 3212580 C2 19891207; JP S58186645 A 19831031; US 4546622 A 19851015

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EP 83102941 A 19830324; AT 83102941 T 19830324; DD 24941983 A 19830331; DE 3212580 A 19820403; JP 5775283 A 19830401;
US 47538983 A 19830314