

Title (en)
Preparation machine for spinning.

Title (de)
Spinnereivorbereitungsmaschine.

Title (fr)
Machine préparatoire pour la filature.

Publication
EP 0022472 A1 19810121 (DE)

Application
EP 80103176 A 19800607

Priority
CH 640779 A 19790704

Abstract (en)
[origin: US4346500A] The converging space between the moving-in or inbound surface of a loosening roll and the surface of a feed roll contains a suction duct, which is brought into close vicinity of the fibre loosening zone located between the two rolls, and which is used for sucking off of dust released in this zone. The suction duct is supported by the body forming the fibre feeder trough. Detrimental deposits of impurities in the subsequent processes, e.g. in the open-end spinning rotors, thus are greatly reduced.

Abstract (de)
Der konvergierende Raum zwischen der zulaufenden Oberfläche einer Auflockerungswalze (7) und der Oberfläche einer Speisewalze (1) enthält einen an den zwischen den beiden Walzen befindlichen Faser-Auflockerungsbereich (10) herangeführten Saugkanal (11), welcher zum Absaugen von in diesem Bereich frei werdendem Staub dient. Der Saugkanal (11) wird durch den die Faserspeisemulde (3) bildenden Körper (4) getragen. Schädliche Schmutzablagerungen in den Nachfolgeprozessen, z.B. in den Offenend-Spinnrotoren, werden damit stark reduziert.

IPC 1-7
D01G 15/80; **D01G 15/20**

IPC 8 full level
D01G 15/42 (2006.01); **D01G 15/20** (2006.01); **D01G 15/80** (2006.01)

CPC (source: EP US)
D01G 15/20 (2013.01 - EP US); **D01G 15/805** (2013.01 - EP US)

Citation (search report)

- DE 2743187 A1 19780330 - GUNTER & COOKE INC
- US 3034179 A 19620515 - HALL JR WALTER M
- DE 2013704 A1 19701008
- JP S5126334 A 19760304 - TOYODA AUTOMATIC LOOM WORKS
- US 3737952 A 19730612 - O NEAL J, et al
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FR2760245A1; DE3429024A1; GB2151668A; EP0354426A1; DE3827520A1; US5038439A

Designated contracting state (EPC)
AT BE CH DE FR GB IT

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DOCDB simple family (application)
EP 80103176 A 19800607; AT 80103176 T 19800607; DE 3063671 T 19800607; IN 681CA1980 A 19800610; JP 9006280 A 19800703; US 15966980 A 19800616