

Title (en)

METHOD AND APPARATUS FOR STRAIGHTENING FIBRES

Publication

EP 0294571 B1 19920205 (DE)

Application

EP 88106463 A 19880422

Priority

CH 182587 A 19870512

Abstract (en)

[origin: US4885823A] For the formation of fleeces or webs with parallelized, hooklet-free fibres for pattern production or for spinning mills, a raw material undergoes preliminary drawing in a preliminary drawing frame and is then supplied to a feed arrangement, through which the raw material is supplied to a clamping point of an extracting device formed of two clamping rollers. The clamping rollers running at a higher speed than the feed speed of the feed arrangement pull out fibre tufts disentangled and parallelized on one side. Then the tufts are fed to a suction drum for doubling purposes. From the suction drum the web formed with one disentangled side is fed into a further preliminary drawing frame, into a second feed arrangement, then into a further extracting device and thereafter into a further suction drum. As a result of this second extraction treatment the tangled fibres still present are drawn out, disentangled and parallelized, and a continual web suitable for further processing is removed from the second suction drum.

IPC 1-7

D01G 15/64; **D01G 25/00**

IPC 8 full level

D01G 15/64 (2006.01); **D01G 25/00** (2006.01)

CPC (source: EP US)

D01G 15/64 (2013.01 - EP US); **D01G 25/00** (2013.01 - EP US)

Cited by

DE102013107793A1; US5600872A; EP0578955A1; WO0012794A1; WO9409972A3

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0294571 A1 19881214; **EP 0294571 B1 19920205**; CH 674854 A5 19900731; DE 3868293 D1 19920319; US 4885823 A 19891212

DOCDB simple family (application)

EP 88106463 A 19880422; CH 182587 A 19870512; DE 3868293 T 19880422; US 19223488 A 19880509