

Title (en)

APPARATUS FOR A CONTINUOUS COMPRESSION OR DETECTION OF THE MASS OF A TEXTILE FIBRE SLIVER

Publication

EP 0078393 B1 19860514 (DE)

Application

EP 82108628 A 19820918

Priority

CH 691281 A 19811029

Abstract (en)

[origin: US4539729A] Fiber slivers must be condensed during the course of a spinning process or their mass must be determined. For this purpose there are employed so-called grooved pairs of rollers, that is to say, profiled rolls which define a sliver throughput groove which is limited or confined at both sides. The sliver is guided through a feed or delivery funnel up to the throughput groove. The danger thus exists that individual fibers can jam between the side surfaces or faces of the rollers which form the lateral boundaries of the groove. This danger is eliminated with the invention in that the fiber outlet opening of the feed funnel is located within the region of a wedge-shaped gap which is bounded by an overlapping zone of the side surfaces or faces of the rollers.

IPC 1-7

D01H 5/72; **D01G 15/46**

IPC 8 full level

D01G 15/46 (2006.01); **D01H 5/40** (2006.01); **D01H 5/72** (2006.01); **D01H 13/22** (2006.01); **D01H 13/26** (2006.01)

CPC (source: EP US)

D01G 15/46 (2013.01 - EP US); **D01H 5/72** (2013.01 - EP US); **D01H 13/22** (2013.01 - EP US)

Cited by

US5461758A; US5289381A; EP0544425A1; US5339495A; US5157810A; DE4017064A1; FR2650603A1; BE1003524A4

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0078393 A1 19830511; **EP 0078393 B1 19860514**; AT E19795 T1 19860515; BR 8206261 A 19830920; DE 3271172 D1 19860619; IN 156253 B 19850608; JP H0252010 B2 19901109; JP S5887329 A 19830525; US 4539729 A 19850910

DOCDB simple family (application)

EP 82108628 A 19820918; AT 82108628 T 19820918; BR 8206261 A 19821027; DE 3271172 T 19820918; IN 1111CA1982 A 19820925; JP 18831282 A 19821028; US 43276782 A 19821004