

Title (en)

METHOD AND APPARATUS FOR OPENING A SLIVER

Publication

**EP 0154116 B1 19881012 (EN)**

Application

**EP 85100306 A 19850114**

Priority

US 58138384 A 19840217

Abstract (en)

[origin: EP0154116A1] Method and apparatus are provided for opening a sliver for dispersion in staple. The method features continuously tearing, without compression, the sliver into a plurality of filament bundles, each of a smaller cross section than that of the sliver. The apparatus features a plurality of points mounted for rotation about a common axis, means for feeding the sliver at a first speed into contact with one of the points, and means for rotating the points at a surface speed at least 290 times faster than the first speed to successively tear the sliver into filament bundles.

IPC 1-7

**D01G 9/06**; B65H 51/16

IPC 8 full level

**D01G 9/00** (2006.01); **D01G 9/06** (2006.01); **D01G 13/00** (2006.01); **D01H 4/32** (2006.01)

CPC (source: EP)

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**EP 0154116 A1 19850911**; **EP 0154116 B1 19881012**; CA 1270112 A 19900612; DE 3565560 D1 19881117; JP S60185822 A 19850921

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