

Title (en)

A stripping roller for drawing fibres to be fed to so-called "open-end" spinners, with inclined drawing teeth alternated with discharging teeth.

Title (de)

Auflösewalze zur Vereinzelung von Fasern, die zu einer sogenannten Offenend-Spinnvorrichtung geführt werden, mit Zähnen zum Herausziehen von Fasern die mit Zähnen zum Abgeben der Fasern abwechseln.

Title (fr)

Cylindre peigneur pour tirer des fibres transportées aux dispositifs de filature à bout libre, ayant des dents inclinées pour tirer les fibres, alternées avec des dents pour délivrer les fibres.

Publication

**EP 0357569 A1 19900307 (EN)**

Application

**EP 89830370 A 19890829**

Priority

IT 947988 A 19880901

Abstract (en)

A stripping roller (19) for drawing fibres (11A) from a tops or feeding sliver (11) for open-end spinners, in which the teeth, which are circumferentially out-of-alignment, are formed on the outer periphery of laminar flexible rings (50) mounted uniformly spaced apart by spacers which have constant thickness and which are deformed with respect to the planar shape, i.e. "twisted" by means of two annular end elements provided with facing complementary shaped surfaces, the rings having inclined drawing teeth, i.e. hooking teeth which are alternated with discharging teeth having opposite inclined profile.

IPC 1-7

**D01H 4/32**

IPC 8 full level

**D01H 4/32** (2006.01)

CPC (source: EP)

**D01H 4/32** (2013.01)

Citation (search report)

- [A] GB 2165561 A 19860416 - PLATT PATENTES SA
- [A] BE 706460 A 19680318
- [A] GB 2073267 A 19811014 - ALSACIENNE CONSTR MECA
- [A] JP H04819727 A
- [A] EP 0154116 A1 19850911 - ALLIED CORP [US]
- [A] EP 0209008 A2 19870121 - BRAECKER AG [CH]
- [A] EP 0142073 A1 19850522 - STAEDTLER & UHL [DE]

Cited by

CN109312498A; EP3336227A1; CN108203850A; WO2018024717A1

Designated contracting state (EPC)

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