

Title (en)

Apparatus for removing impurities in an open-end spinning machine

Title (de)

Schmutzentsorgungseinrichtung für eine Offenend-Spinnmaschine

Title (fr)

Appareil pour l'évacuation d'impuretés dans une machine de filature à bout ouvert

Publication

**EP 0936293 A3 20000927 (DE)**

Application

**EP 99102009 A 19990201**

Priority

- DE 19805235 A 19980210
- DE 19827610 A 19980620

Abstract (en)

[origin: US6116011A] An open-end spinning machine (1) with a plurality of adjacent open-end spinning units (2) each having a sliver opening device (4) with impurity-discharge openings (10). An impurity-removal device (11) is installed below the impurity-discharge openings (10) and comprises an impurity-removal belt (12) which can be driven in a reciprocating manner. A cleaning carriage (16) is arranged on the impurity-removal belt (12) and is connected by frictional engagement to the impurity-removal belt (12). The cleaning carriage (16) has a cleaning lip (18) which mechanically cleans the areas of the sliver opening devices (4) especially endangered by contamination. The cleaning carriage (12) can be shifted as required relative to the impurity-removal belt (12).

IPC 1-7

**D01H 4/36**

IPC 8 full level

**D01H 4/30** (2006.01); **D01H 4/36** (2006.01)

CPC (source: EP US)

**D01H 4/36** (2013.01 - EP US)

Citation (search report)

- [YP] DE 19652506 A1 19980618 - NOVIBRA GMBH [DE]
- [YD] FR 2360696 A1 19780303 - SCHUBERT & SALZER MASCHINEN [DE]
- [AD] DE 2658752 A1 19780706 - STAHLLECKER FRITZ, et al
- [A] DE 2658437 A1 19780629 - STAHLLECKER FRITZ

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 6116011 A 20000912**; CZ 297619 B6 20070214; CZ 42199 A3 19990811; EP 0936293 A2 19990818; EP 0936293 A3 20000927; EP 0936293 B1 20040421; JP H11279852 A 19991012

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