

Title (en)

Cleaning device comprising scraper elements for cleaning spinning rotors

Title (de)

Reinigungsvorrichtung mit Schaberelement zur Reinigung von Spinnrotoren

Title (fr)

Dispositif de nettoyage avec un élément de raclage pour nettoyer des rotors de filage

Publication

EP 1344852 B1 20061220 (DE)

Application

EP 03002855 A 20030208

Priority

- DE 10212351 A 20020313
- DE 10231484 A 20020712

Abstract (en)

[origin: EP1344852A2] A textile machine has a spinning rotor with a cleaning head (20) incorporating two scraper blades (21). The two scraper blades esp. deploy under pneumatic power from a retracted position to a contact position. The blade presentation is such that, when in contact with the spinning rotor, the sum of radial forces exerted on the rotor is zero or close to zero. The scraper blades are diametrically opposed at 180degrees. In a further embodiment three blades are arranged at angles of 120degrees to each other. The scraper blades are deployed by the action of a single pneumatic piston.

IPC 8 full level

D01H 4/24 (2006.01)

CPC (source: EP US)

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Cited by

EP3412807A1; DE102005025786A1; EP3670717A1; IT201700061110A1; EP3276056A1; US11035057B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 03002855 A 20030208; CN 03120539 A 20030313; DE 50306007 T 20030208; US 38612403 A 20030311