

Title (en)

RECEIVING ELEMENT FOR A YARN DRAWING NOZZLE OF AN OPEN-ENDED ROTOR SPINNING DEVICE

Title (de)

AUFNAHMEELEMENT FÜR EINE FADENABZUGSSE EINER OFFENEND -ROTORSPINNVORRICHTUNG

Title (fr)

ELEMENT DE RECEPTION POUR UNE BUSE DE DEVIDAGE DE FIL D'UN DISPOSITIF DE FILATURE A ROTOR A BOUTS OUVERTS

Publication

EP 1606440 A1 20051221 (DE)

Application

EP 04710349 A 20040212

Priority

- EP 2004001299 W 20040212
- DE 10312143 A 20030319
- DE 10326847 A 20030614

Abstract (en)

[origin: WO2004083503A1] The invention relates to a receiving element for receiving an interchangeable yarn drawing nozzle that can be magnetically locked. According to the invention, the receiving element is configured as an adapter (26), which can be screwed into a central threaded bore (37) of a thread channel plate (12) in an open-ended rotor spinning device (1), the latter being designed to receive a conventional yarn drawing nozzle that is equipped with an external thread. The adapter (26) comprises centring bores (27) for receiving ferromagnetic centring lugs (28) of a yarn drawing nozzle (13) in addition to a continuous bore (33), whose internal diameter (d) is adapted to the external diameter (D) of the shaft (39) of the yarn drawing nozzle (13). The adapter is also equipped with permanent magnetic pins (30), which correspond with the ferromagnetic centring lugs (28) of the yarn drawing nozzle (13).

IPC 1-7

D01H 4/40

IPC 8 full level

D01H 4/40 (2006.01)

CPC (source: EP US)

D01H 4/40 (2013.01 - EP US)

Citation (search report)

See references of WO 2004083503A1

Designated contracting state (EPC)

CH CZ DE IT LI TR

DOCDB simple family (publication)

WO 2004083503 A1 20040930; BR PI0406509 A 20051220; EP 1606440 A1 20051221; US 2006137321 A1 20060629; US 7155894 B2 20070102

DOCDB simple family (application)

EP 2004001299 W 20040212; BR PI0406509 A 20040212; EP 04710349 A 20040212; US 54215305 A 20050713