

Title (en)

Cap element of an open ended spinning machine for closing a rotor housing open to the front and subject to suction

Title (de)

Deckelelement einer Offenend-Spinnvorrichtung zum Verschließen eines besaugten, nach vorne hin offenen Rotorgehäuses

Title (fr)

Élément de couvercle d'un métier à tisser à extrémité ouverte destiné à fermer un boîtier de rotor à aspiration ouvert par l'arrière

Publication

EP 2599905 B1 20160420 (DE)

Application

EP 12007120 A 20121013

Previously filed application

102011120106 20111202 DE

Priority

DE 102011120106 A 20111202

Abstract (en)

[origin: EP2599905A2] The element (8) has retainer in which a channel plate adapter (12) is replaceably fixed. A radially acting sealing device (37) is provided between the retainer and a base body (27) of the adapter in an assembly condition of the adapter. The adapter includes a through hole for arranging a thread withdrawal nozzle. The sealing device includes a circular sealing surface (38), which is arranged concentric to a middle longitudinal axis of a spinning rotor. The rotor rotates in a rotor housing when the element is closed. An elastic annular seal (39) is radially supported against the sealing surface.

IPC 8 full level

D01H 4/08 (2006.01); **D01H 4/38** (2006.01)

CPC (source: EP)

D01H 4/08 (2013.01); **D01H 4/38** (2013.01)

Citation (opposition)

Opponent : Maschinenfabrik Rieter AG,

- DE 2746463 A1 19790329 - BBC BROWN BOVERI & CIE
- DE 102006060500 A1 20070823 - RIETER INGOLSTADT SPINNEREI [DE]
- GB 1376989 A 19741211 - STAHLLECKER GMBH WILHELM
- DE 10305279 A1 20040819 - SAURER GMBH & CO KG [DE]
- DE 10326847 A1 20040930 - SAURER GMBH & CO KG [DE]
- EP 1072701 A1 20010131 - RIETER INGOLSTADT SPINNEREI [DE]
- DE 2405499 A1 19740815 - TOYODA AUTOMATIC LOOM WORKS [JP], et al
- DE 2038689 A1 19710225 - ALSACIENNE CONSTR MECA

Cited by

CN106544763A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2599905 A2 20130605; EP 2599905 A3 20150408; EP 2599905 B1 20160420; EP 2599905 B2 20190227; CN 103132184 A 20130605; CN 103132184 B 20170301; DE 102011120106 A1 20130606

DOCDB simple family (application)

EP 12007120 A 20121013; CN 201210487672 A 20121126; DE 102011120106 A 20111202