

Title (en)

Thread creation element for a spinning position of an air jet spinning machine with a twist stop element

Title (de)

Garnbildungselement für eine Spinnstelle einer Luftspinnmaschine mit einem Drallstoppelement

Title (fr)

Élément de formation de fil pour un poste de filage d'un métier à tisser à jet d'air avec un élément anti-torsion du fil

Publication

EP 2578730 A3 20150408 (DE)

Application

EP 12186910 A 20121002

Priority

DE 102011054302 A 20111007

Abstract (en)

[origin: EP2578730A2] The element (1) has an intake port (2) arranged at a front end of the element, and an outlet channel (4) for discharging a yarn and extending from a region of the intake port along a longitudinal axis within the element. A set of twist stop elements (6) is arranged within the outlet channel and partially narrows a cross-section of the outlet channel. The stop elements are formed by projections (7) of an inner wall (5) of the outlet channel and arranged in a transition region (9). The stop elements are designed as bars that are uniformly distributed over the inner wall.

IPC 8 full level

D01H 1/115 (2006.01)

CPC (source: EP)

D01H 1/115 (2013.01)

Citation (search report)

- [XA] WO 2005026421 A1 20050324 - RIETER AG MASCHF [CH], et al
- [A] JP H07126923 A 19950516 - KOYO SEIKO CO

Cited by

CN104568427A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2578730 A2 20130410; EP 2578730 A3 20150408; EP 2578730 B1 20160706; CN 103031626 A 20130410; CN 103031626 B 20160120; DE 102011054302 A1 20130411

DOCDB simple family (application)

EP 12186910 A 20121002; CN 201210370131 A 20120927; DE 102011054302 A 20111007