

Title (en)

Yarn splicing device, yarn splicing system, and textile machine

Title (de)

Fadenspleißvorrichtung, Fadenspleißsystem und Textilmaschine

Title (fr)

Dispositif d'épissage de fil, système d'épissage de fil et machine textile

Publication

EP 2666741 A3 20140618 (EN)

Application

EP 13168534 A 20130521

Priority

JP 2012120175 A 20120525

Abstract (en)

[origin: EP2666741A2] A yarn splicing device comprising a twisting nozzle (73) adapted to twist yarn ends; and a twisting airflow supplying mechanism (42) adapted to supply compressed air to generate a twisting airflow with respect to the twisting nozzle (73) and to switch a whirling direction of the twisting airflow and/or to switch a generating region of the twisting airflow, wherein the twisting airflow for twisting the yarn ends is generated in the whirling direction and/or the generating region in accordance with a twisting condition of the yarn to be performed with a yarn splicing operation by a control on the twisting airflow supplying mechanism (42).

IPC 8 full level

B65H 69/06 (2006.01)

CPC (source: EP)

B65H 69/061 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [X] EP 2141105 A1 20100106 - SHIMA SEIKI MFG [JP], et al
- [XDA] JP H0364433 A 19910319 - HITACHI METALS LTD
- [AD] JP S623741 A 19870109 - SANEI KAGAKU KOGYO KK
- [A] WO 2008145707 A1 20081204 - ATEX SPA [IT], et al

Cited by

DE102014007731B4; EP3831756A1; EP4071097A1

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 2666741 A2 20131127; EP 2666741 A3 20140618; EP 2666741 B1 20160330; CN 103420227 A 20131204; JP 2013245069 A 20131209

DOCDB simple family (application)

EP 13168534 A 20130521; CN 201310143288 A 20130417; JP 2012120175 A 20120525