

Title (en)
Splicer nozzle

Title (de)
Spleißerdüse

Title (fr)
Buse d'épissage

Publication
EP 2077247 A2 20090708 (EN)

Application
EP 08019757 A 20081112

Priority
JP 2007325529 A 20071218

Abstract (en)
The present invention provides a splicer nozzle (1) characterized in that a yarn splicing hole is divided, in an axial direction, into substantially two yarn splicing chambers (3), (4) formed at positions where axes (3h), (4h) of the yarn splicing chambers (3), (4) are displaced from each other, and a yarn splicing slit (2) common to the yarn splicing chambers (3), (4) is formed over the entire area of the yarn splicing hole, and in that an injection hole (5), (6) is formed for each of the yarn splicing chambers (3), (4) so that compressed air passing through the yarn splicing slit (2) to the axis (3h), (4h) of the yarn splicing chamber (3), (4) is injected through a corresponding one of the injection holes (5), (6), and an inner wall (3a), (4a) of each of the yarn splicing chambers (3), (4) located opposite an air outlet of the corresponding one of the compressed air injection holes (5), (6) is formed to be planar.

IPC 8 full level
B65H 69/06 (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)
B65H 69/061 (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
• JP H0214267 A 19900118 - PENTEL KK
• JP 2006052485 A 20060223 - MURATA MACHINERY LTD

Cited by
DE102014018626A1; DE102017102432A1; DE102017117421A1; DE102014018656A1; DE102018120457A1; DE102015204469B4;
EP4286312A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2077247 A2 20090708; **EP 2077247 A3 20120718**; **EP 2077247 B1 20170104**; **EP 2077247 B8 20170531**; CN 101463516 A 20090624;
CN 101463516 B 20130619; JP 2009143718 A 20090702

DOCDB simple family (application)
EP 08019757 A 20081112; CN 200810174437 A 20081105; JP 2007325529 A 20071218