

Title (en)

Splicing device, yarn splicing method and joint

Title (de)

Spleissvorrichtung, Garnspleissverfahren und Verbindung

Title (fr)

Appareil d'épissage, procédé d'épissage de fil et jonction

Publication

EP 1731463 B1 20101103 (EN)

Application

EP 06011693 A 20060606

Priority

JP 2005166914 A 20050607

Abstract (en)

[origin: EP1731463A2] A twisting member (31) of a splicing device (7) includes a yarn splicing hole (34a) in which yarns to be twisted (Y, Y1, Y2) are set, groove portions (37, 37) as gas release portions (37, 37) formed in directions different from a longitudinal direction of the yarn splicing hole (34a), and air paths (34c, 34c) provided in a pair that form air injection ports (34b, 34b), respectively, in the yarn splicing hole (34a) and form whirling flows opposite to each other inside the yarn splicing hole (34a). A plurality of groove portions (37, 37) are formed, and the air injection ports (34b, 34b) formed by the air paths (34c, 34c) in the yarn splicing hole (34a) are positioned further outside than the plurality of groove portions (37, 37).

IPC 8 full level

B65H 69/06 (2006.01)

CPC (source: EP)

B65H 69/061 (2013.01); **B65H 69/063** (2013.01); **B65H 2701/31** (2013.01)

Cited by

DE102012005861A1; ITMI20130260A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 1731463 A2 20061213; **EP 1731463 A3 20081001**; **EP 1731463 B1 20101103**; CN 1876539 A 20061213; DE 602006017922 D1 20101216; JP 2006341941 A 20061221; JP 4281713 B2 20090617

DOCDB simple family (application)

EP 06011693 A 20060606; CN 200610093566 A 20060606; DE 602006017922 T 20060606; JP 2005166914 A 20050607