

Title (en)

Yarn splicing device

Title (de)

Vorrichtung zum Verbinden von Fäden

Title (fr)

Dispositif pour épisser des fils

Publication

**EP 1522517 A1 20050413 (EN)**

Application

**EP 04022697 A 20040923**

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- JP 2003349050 A 20031008
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- JP 2003349052 A 20031008

Abstract (en)

The present invention can prevent a liquid from scattering and enable yarn splicing to be reliably accomplished. A yarn splicing device has a twisting member 31 which twists yarn ends by injecting compressed air to which a liquid is added, against the yarn ends, and a shielding mechanism 61 which covers a periphery of the twisting member with no loads imposed on the yarns, the shielding mechanism being open to an exterior in its part corresponding to a yarn path, the shielding mechanism regulating a scattering direction in which the compressed air and liquid used for twisting. The shielding mechanism 61 has a twisting shielding member 62 which prevents the compressed air and liquid from scattering toward a front surface, and a base member wall shielding member 63 which prevents the compressed air and liquid from scattering toward a unit frame (Fig.1). <IMAGE>

IPC 1-7

**B65H 69/06**

IPC 8 full level

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CPC (source: EP)

**B65H 69/061** (2013.01); **B65H 69/066** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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