

Title (en)
Flyer device and flyer drive method

Title (de)
Flyerflügel und Verfahren zu deren Antrieb

Title (fr)
Ailette et méthode pour l'entraîner

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Application
EP 00102716 A 20000209

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• JP 9758299 A 19990405

Abstract (en)
The present invention directly couples a rotative-drive source to a flyer so as to positively drive the flyer in synchronism with a speed at which a yarn is unwound. This construction prevents variations in tension regardless of an unwinding position, that is, whether the yarn is unwound from an upper or a lower side of a package and regardless of the winding diameter of the package, thereby restraining yarn breakage. The present invention provides a flyer device comprising a flyer for use in unwinding a yarn 1 from a package P or twisting the yarn after unwinding it from the package, wherein the device has flyer rotative-drive means FRM rotating in an interlocking manner as the yarn is unwound, for positively rotatively driving the flyer. It also provides a flyer device wherein flyer rotative-drive means comprises a flyer rotative-drive source 43 and a one-way clutch 42 combined with a rotating shaft of the flyer rotative-drive source. <IMAGE>

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Citation (search report)
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