

Title (en)

Unwinding tension applying device for package.

Title (de)

Vorrichtung zum Anbringen einer Abwickelspannung an einem Wickel.

Title (fr)

Dispositif pour appliquer à un paquet une tension de dévidage.

Publication

**EP 0477978 A1 19920401 (EN)**

Application

**EP 91116573 A 19910927**

Priority

JP 26282690 A 19900928

Abstract (en)

The present invention relates to an unwinding tension applying device for applying tension to yarn being unwound from a package formed by winding of the yarn thereon. According to this unwinding tension applying device, friction members (11) on which is exerted the gravity of weight (11a) of the tenseness of spring member are brought into contact with the outer periphery of the package (1) by moving operating members (22) close to the package, whereby not only the occurrence of kinky thread (snarl) and the entanglement of yarn can be prevented, but also since the operating members and the friction members can be moved away from the package, it is possible to effect the package replacement easily.  
<IMAGE>

IPC 1-7

**B65H 59/08**

IPC 8 full level

**D02H 1/00** (2006.01); **B65H 59/08** (2006.01); **D02H 13/04** (2006.01)

CPC (source: EP KR)

**B65H 59/08** (2013.01 - EP); **D02H 1/00** (2013.01 - KR); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

BE CH DE FR GB IT LI

DOCDB simple family (publication)

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