

Title (en)

METHOD FOR REINITIALIZING COUNT OF THREAD REEL LENGTH

Title (de)

VERFAHREN ZUR NEUINITIALISIERUNG DER ZÄHLUNG VON FADENBOBINENLÄNGEN

Title (fr)

PROCEDE DE REINITIALISATION DU COMPTAGE DE LONGUEUR DES BOBINES DE FIL

Publication

EP 1737776 A1 20070103 (FR)

Application

EP 05728067 A 20050218

Priority

- FR 2005050106 W 20050218
- FR 0450459 A 20040308

Abstract (en)

[origin: US2007193052A1] This method is distinctive in that: the rotation speed (Vo) obtained with the reel empty is recorded beforehand; and after start-up, the rotation speed (Vd) of the reel that is being wound is measured. The latter speed corresponds to the maximum speed reached at the end of a start-up acceleration phase and at the start of a gradual slowdown phase after the winding phase and this speed is compared to that obtained when the reel was empty. If the rotation speed (Vd) measured after start-up is substantially equal to or greater than the rotation speed (Vo) obtained when the reel was empty, length metering is then reset. If the speed after start-up is substantially less than the rotation speed obtained with the reel empty, metering is resumed from a point where it stopped.

IPC 8 full level

B65H 61/00 (2006.01); **B65H 63/08** (2006.01); **G01B 21/06** (2006.01)

CPC (source: EP US)

B65H 61/00 (2013.01 - EP US); **B65H 63/08** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

See references of WO 2005092756A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007193052 A1 20070823; AT E391691 T1 20080415; DE 602005005977 D1 20080521; DE 602005005977 T2 20090528; EP 1737776 A1 20070103; EP 1737776 B1 20080409; FR 2867173 A1 20050909; FR 2867173 B1 20060421; WO 2005092756 A1 20051006

DOCDB simple family (application)

US 59867905 A 20050218; AT 05728067 T 20050218; DE 602005005977 T 20050218; EP 05728067 A 20050218; FR 0450459 A 20040308; FR 2005050106 W 20050218