

Title (en)
Method and apparatus of controlling data of reel length and reel off length

Title (de)
Verfahren und Vorrichtung zum Steuern von Aufwickellänge und Abwickellänge

Title (fr)
Méthode et dispositif pour commander la longueur d'enroulement et de déroulement

Publication
EP 1500729 B1 20071114 (EN)

Application
EP 04014573 A 20040622

Priority
JP 2003201613 A 20030725

Abstract (en)
[origin: EP1500729A1] In a procedure of reeling a reeled object (1) to a reeling member (2), a rotating amount (R1) of the reeling member (2) in a reel direction from reel start to reel end of the reeled object (1) and a reel length (L1) of the reeled object (1) in correspondence with the rotating amount (R1) are stored as reel information (D) inherent to the reeling member (2), and in a procedure of utilizing the reeled object (1) while reeling off the reeling member (2), a rotating amount (R2) of the reeling member (2) is detected and a reel off length (L2) of the reeled object (1) relative to the rotating amount (R2) in a reel off direction is calculated from the detected rotating amount (R2) and the reel information (D). <IMAGE>

IPC 8 full level
D02H 13/00 (2006.01); **B65H 49/00** (2006.01); **B65H 54/00** (2006.01); **B65H 61/00** (2006.01); **B65H 63/08** (2006.01); **D02H 5/02** (2006.01); **D02H 13/10** (2006.01); **D02H 13/14** (2006.01); **D03D 49/04** (2006.01); **D03D 49/06** (2006.01); **D03D 49/10** (2006.01); **D03J 1/20** (2006.01)

CPC (source: EP)
B65H 61/00 (2013.01); **B65H 63/08** (2013.01); **D02H 5/02** (2013.01); **D02H 13/14** (2013.01); **D03D 49/04** (2013.01); **D03D 49/10** (2013.01); **B65H 2701/31** (2013.01)

Cited by
CN104878509A; CN115339963A; WO2024055678A1

Designated contracting state (EPC)
BE CH DE IT LI

DOCDB simple family (publication)
EP 1500729 A1 20050126; **EP 1500729 B1 20071114**; DE 602004010005 D1 20071227; DE 602004010005 T2 20080911; JP 2005042230 A 20050217

DOCDB simple family (application)
EP 04014573 A 20040622; DE 602004010005 T 20040622; JP 2003201613 A 20030725