

Title (en)

Method and device for friction compensation

Title (de)

Verfahren und Vorrichtung zur Reibkompensation

Title (fr)

Procédé et dispositif destinés à la compensation de friction

Publication

**EP 1958905 A3 20090909 (DE)**

Application

**EP 08001878 A 20080201**

Priority

DE 102007007988 A 20070217

Abstract (en)

[origin: EP1958905A2] The friction compensation device is fitted to a winding machine (1) by which material (70) is wound onto a winding drum (30) controlled by a controlling and regulating device (10). It has an additional process parameter (80) engaged on the input side for compensation of the friction moment in the friction compensation unit (14).

IPC 8 full level

**B65H 23/195** (2006.01)

CPC (source: EP US)

**B65H 23/195** (2013.01 - EP US)

Citation (search report)

- [XA] US 3372320 A 19680305 - BOYUM MARDELL L, et al
- [X] EP 0593946 A2 19940427 - WINDMOELLER & HOELSCHER [DE]
- [A] US 3910521 A 19751007 - O'CALLAGHAN GERALD F, et al

Cited by

EP2729397B1; WO2013045239A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1958905 A2 20080820; EP 1958905 A3 20090909; EP 1958905 B1 20120411**; AT E553052 T1 20120415; CN 101289146 A 20081022; CN 101289146 B 20110706; DE 102007007988 A1 20080828; US 2008197228 A1 20080821

DOCDB simple family (application)

**EP 08001878 A 20080201**; AT 08001878 T 20080201; CN 200810128719 A 20080215; DE 102007007988 A 20070217; US 3190008 A 20080215