

Title (en)

Device and procedure for the regulation of the contact pressure of a winding bobbin

Title (de)

Vorrichtung und Verfahren zum Regeln des Kontaktdrucks einer Wickelspule

Title (fr)

Dispositif et procédure pour la régulation de la pression de contact d'une bobine d'enroulement

Publication

EP 1820764 B1 20120829 (EN)

Application

EP 07102088 A 20070209

Priority

IT MI20060288 A 20060216

Abstract (en)

[origin: US2007131816A1] Device and process for the regulation of thread winding onto a bobbin by applying a desired contact pressure $P_{_c}$ of the operating bobbin, providing the bobbin-holder arm with a counterweighing counterthrust $P_{_p}$, on the basis of a pre-established trend of the value of $P_{_c}$ in relation to the advance length of the bobbin, indicating the weight of the bobbin in relation to the ratio between the length reached and indicating the rising angle of the bobbin-holder arm, calculating the weight component due to the bobbin and said arm and applying a counterthrust $P_{_p}$ equal to the difference between said component and the pre-established value of the contact pressure $P_{_c}$ referred to the length reached.

IPC 8 full level

B65H 54/52 (2006.01); **B65H 59/38** (2006.01)

CPC (source: EP US)

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Cited by

EP3626658A1; CH717382A1; WO2023161413A1; WO2021224750A1; US11203508B2; EP3954638A1

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