

Title (en)
Thread-guide device for the production of bobbins with traversing modulation

Title (de)
Fadenführungsgerät zur Herstellung von Spulen mit moduliertem Durchlauf

Title (fr)
Dispositif de guide-fil pour la production de bobines avec déplacement modulé

Publication
EP 1880963 B1 20100908 (EN)

Application
EP 07111613 A 20070703

Priority
IT MI20061353 A 20060712

Abstract (en)
[origin: EP1880963A2] Thread-guide device (14) with modulated traversing with an individual thread-guide (12) with a back-and-forth movement fixed to a cord (15) open at the two ends and moved between two pulleys (16a,16b) in an alternating clockwise/anticlockwise movement, each activated with its own electric motor (17a,17b), both motors being piloted in frequency. The pulleys (16a,16b) are connected to springs (18a,18b) which pull the thread-guide (12) towards the centre of its run and which alternately accumulate and release energy with every run of the thread-guide.

IPC 8 full level
B65H 54/28 (2006.01); **B65H 54/38** (2006.01)

CPC (source: EP US)
B65H 54/2821 (2013.01 - EP US); **B65H 54/386** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
DE102008017302A1; DE102009022061A1

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 LV MC MT NL PL PT RO SE SI SK TR

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