

Title (en)
Winding machine

Title (de)
Spulmaschine

Title (fr)
Bobinoir

Publication
EP 1925580 B1 20100811 (DE)

Application
EP 07022446 A 20071120

Priority
DE 102006054980 A 20061122

Abstract (en)
[origin: EP1925580A1] The winder (1) has a pressure roller (19) supported below a guiding unit (12). Thread or yarn (2) is supplied to a wound package (4) in a contact area between a pressure roller (19) and the package. An actuator is linked with the roller or spindles (6, 7) such that the force produced by the actuator influences the contact force between the roller and package, where the force of the actuator is directed along translational degree of freedom. The actuator influences the normal force in a hinged pillar, and the pillar is inclined with an angle with respect to translational degree of freedom.

IPC 8 full level
B65H 54/52 (2006.01)

CPC (source: EP US)
B65H 54/52 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
WO2020057875A1; EP3626657A1; US11731852B2

Designated contracting state (EPC)
CZ DE HU RO

DOCDB simple family (publication)
EP 1925580 A1 20080528; EP 1925580 B1 20100811; DE 102006054980 A1 20080605; DE 102006054980 B4 20080814; DE 502007004708 D1 20100923; JP 2008127207 A 20080605; TW 200902422 A 20090116; TW I352060 B 20111111; US 2008116311 A1 20080522

DOCDB simple family (application)
EP 07022446 A 20071120; DE 102006054980 A 20061122; DE 502007004708 T 20071120; JP 2007303487 A 20071122; TW 96144246 A 20071122; US 94376407 A 20071121