

Title (en)

Machine for lap-forming

Title (de)

Maschine zum Bilden von Wattewickeln

Title (fr)

Machine pour former des enroulements de nappes

Publication

EP 0942080 B1 20030924 (DE)

Application

EP 99810174 A 19990301

Priority

DE 19810108 A 19980310

Abstract (en)

[origin: EP0942080A2] The machine has a holder (2) for a coil sleeve, at least one movable drive element (9) for moving the periphery of the coil (8) and a loading device (15, 17, 18) for forcing the coil and drive element together with force controlled by a controller (16) and dependent on the diameter of the coil. A signal is fed to the controller which represents the cumulative length of material delivered to the coil. The controller computes the diameter of the coil from this signal and from other signals representing the weight of the material in weight units per unit length, the specific weight of the material, the width of the coil and the diameter of the coil sleeve.

IPC 1-7

D01G 27/02

IPC 8 full level

B65H 18/22 (2006.01); **D01G 27/02** (2006.01)

CPC (source: EP)

B65H 18/22 (2013.01); **D01G 27/02** (2013.01); **B65H 2404/13** (2013.01); **B65H 2511/11** (2013.01); **B65H 2511/14** (2013.01)

Cited by

CN102976133A; FR2811654A1; DE102006020586A1; DE102006020586B4; CN102713035A; ITBS20090235A1; EP3081679A1; DE102014108222B4; WO2007124886A1; WO2015049017A1; WO2011077267A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 0942080 A2 19990915; **EP 0942080 A3 20010117**; **EP 0942080 B1 20030924**; CN 1156621 C 20040707; CN 1229862 A 19990929; DE 19810108 A1 19990916; DE 59907069 D1 20031030

DOCDB simple family (application)

EP 99810174 A 19990301; CN 99103643 A 19990309; DE 19810108 A 19980310; DE 59907069 T 19990301