

Title (en)
WINDING APPARATUS FOR FORMING A COTTON WOOL PACKAGE

Publication
EP 0141258 B1 19880107 (DE)

Application
EP 84111525 A 19840927

Priority
CH 550683 A 19831010

Abstract (en)
[origin: US4637565A] A wind-up apparatus for forming laps comprises a first winding roller, a second winding roller, a lap bobbin tube and a plurality of, for instance four, calender rolls. Each calender roll is movably mounted at each of its opposite ends by means of a spring pair receiving the calender roll. Each spring pair is fixedly connected at one end to a bearing member of the related calender roll and at its other end by means of a carrier to side walls of the wind-up apparatus. A piston of a pneumatic cylinder moves the calender rolls from a rest position, in which there is a spacing D between the calender rolls and a spacing E between the last calender roll and the first winding roller, into a working position in which the calender rolls are pressed against one another in the absence of an intervening fiber layer. The position of the calender rolls in their rest position is maintained by the spring pairs.

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D01G 27/02

IPC 8 full level
D01G 27/02 (2006.01)

CPC (source: EP US)
D01G 27/02 (2013.01 - EP US); **Y10S 242/918** (2013.01 - EP US)

Cited by
DE10323130B4; EP0345558A1; US5001976A; WO9805808A1; WO2010012111A1

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EP 0141258 A2 19850515; EP 0141258 A3 19850612; EP 0141258 B1 19880107; DE 3468449 D1 19880211; IN 161192 B 19871017; JP 2568994 B2 19970108; JP S6099019 A 19850601; US 4637565 A 19870120; US 4718616 A 19880112

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EP 84111525 A 19840927; DE 3468449 T 19840927; IN 437MA1984 A 19840615; JP 21064084 A 19841009; US 65735284 A 19841003; US 90266086 A 19860902