

Title (en)

Winding apparatus for continuous threads

Title (de)

Aufwindevorrichtung für Enlosfäden

Title (fr)

Bobinoir pour fils textiles continus

Publication

EP 0931749 A3 20000517 (DE)

Application

EP 98811174 A 19981126

Priority

DE 19802509 A 19980123

Abstract (en)

[origin: EP0931749A2] The surface drive roller (2) and both bobbin holder spindles (8,10) are each driven by their own motor (40,80,100 respectively). The revolving head (6) for bobbin changing is driven by a motor (120). All the motors are speed controlled from a programmable central control unit (30) which also controls the winding pressure exerted by the swing arm (16) during the bobbin build.

IPC 1-7

B65H 67/048

IPC 8 full level

B65H 54/44 (2006.01); **B65H 54/40** (2006.01); **B65H 54/52** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP US)

B65H 54/40 (2013.01 - EP US); **B65H 54/52** (2013.01 - EP US); **B65H 67/048** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0931750 A2 19990728; EP 0931750 A3 20000517; DE 19802509 A1 19990729; DE 59813349 D1 20060406; EP 0931749 A2 19990728; EP 0931749 A3 20000517; EP 0931749 B1 20060118; JP H11255434 A 19990921; JP H11255435 A 19990921; US 6059217 A 20000509; US 6149097 A 20001121

DOCDB simple family (application)

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