

Title (en)
Thread-changing device, especialy for knitting machines.

Title (de)
Fadenwechseleinrichtung, insbesondere für Strickmaschinen.

Title (fr)
Dispositif changeur de fil, notamment pour des métiers à tricoter.

Publication
EP 0310857 B1 19940727 (DE)

Application
EP 88115433 A 19880921

Priority
DE 3733796 A 19871007

Abstract (en)
[origin: EP0310857A2] In the thread-changing device with a knotter for knotting a new thread to an old thread (30) during a thread change, to guarantee the formation of a secure knot and for reliable knotting, a thread compensation zone of fixed maximum length, leading via a pivoting arm (23) with a defecting roller (24) and having a preceding briefly actuable compensating thread brake (21), and a clamping hook (14) combined with scissors for cutting the new thread after the tightening of the knot by means of the clamping hook (14) are provided. <IMAGE>

IPC 1-7
D04B 15/62

IPC 8 full level
B65H 69/04 (2006.01); **D04B 15/38** (2006.01); **D04B 15/62** (2006.01)

CPC (source: EP KR US)
B65H 69/04 (2013.01 - EP US); **D04B 15/48** (2013.01 - KR); **D04B 15/62** (2013.01 - EP US); **D04B 35/10** (2013.01 - KR);
B65H 2701/31 (2013.01 - EP US)

Cited by
FR2751352A1; FR2755116A1; WO9802605A1

Designated contracting state (EPC)
CH ES GB IT LI

DOCDB simple family (publication)
EP 0310857 A2 19890412; EP 0310857 A3 19920115; EP 0310857 B1 19940727; DD 282933 A5 19900926; DE 3733796 A1 19890420;
DE 3733796 C2 19910502; ES 2060633 T3 19941201; JP H01122878 A 19890516; JP H0815985 B2 19960221; KR 890006890 A 19890616;
KR 910003887 B1 19910615; US 4984436 A 19910115

DOCDB simple family (application)
EP 88115433 A 19880921; DD 32045088 A 19881004; DE 3733796 A 19871007; ES 88115433 T 19880921; JP 25103588 A 19881006;
KR 880011420 A 19880905; US 24958888 A 19880926