

Title (en)
Knitting machine with a thread-changing device

Title (de)
Strickmaschine mit Fadenwechseleinrichtung

Title (fr)
Métier à tricoter avec dispositif de changement de fils

Publication
EP 0307769 B1 19960221 (DE)

Application
EP 88114553 A 19880907

Priority
DE 3731379 A 19870918

Abstract (en)
[origin: EP0307769A2] In the knitting machine with a thread-changing device with knitter, in which a thread is guided from the knitter (10) via a thread storage device (30) to a thread processing station (16), the thread length between the knitter and the thread processing station is always kept the same, so that the control device (20) has fixed data for this length available for the purpose of triggering the formation of a knot during the thread change. Moreover, the drive movement of the knitting machine (17) is monitored by means of a path transmitter (22) which, independently of the needle division of a needle bed, supplies for each unit of path length a predetermined number of pulses which are evaluated as clock pulses in the control device (20). The construction of the control device can be simplified as a result of these measures. <IMAGE>

IPC 1-7
D04B 15/62

IPC 8 full level
D04B 15/58 (2006.01); **D04B 15/48** (2006.01); **D04B 15/62** (2006.01)

CPC (source: EP US)
D04B 15/482 (2013.01 - EP US); **D04B 15/62** (2013.01 - EP US)

Cited by
EP0574881A1; US5369966A; WO2024128950A1

Designated contracting state (EPC)
CH ES GB IT LI

DOCDB simple family (publication)
EP 0307769 A2 19890322; EP 0307769 A3 19910828; EP 0307769 B1 19960221; DD 282481 A5 19900912; DE 3731379 A1 19890406; DE 3731379 C2 19920507; ES 2086292 T3 19960701; JP H0149818 B2 19891026; JP H0197247 A 19890414; US 5131244 A 19920721

DOCDB simple family (application)
EP 88114553 A 19880907; DD 31987588 A 19880916; DE 3731379 A 19870918; ES 88114553 T 19880907; JP 22893388 A 19880914; US 58395990 A 19900914