

Title (en)  
DEVICE FOR INSERTING KNITTING CAMS DURING OPERATION IN CIRCULAR KNITTING MACHINES FOR STOCKINGS, KNITWEAR AND THE LIKE

Publication  
**EP 0310845 A3 19900704 (EN)**

Application  
**EP 88115285 A 19880916**

Priority  
IT 2216387 A 19871006

Abstract (en)  
[origin: EP0310845A2] The device (1) for inserting knitting cams (8) during operation in circular knitting machines for stockings, knitwear and the like, comprises at least one slider (5) arranged laterally facing the needle cylinder (7) of the machine and movable in a direction substantially perpendicular to the axis (6) of the needle cylinder (7). The slider (5) is rigidly associated with a knitting cam (8) which is selectively engageable, upon movement of the slider (5), with needle actuation elements (9). The device (1) also comprises a linear motor (11) which acts on the slider (5) and is actuated by an electronic machine control element (12) to impart to the knitting cams (8) preset movements relatively to the needle cylinder (7).

IPC 1-7  
**D04B 15/32**

IPC 8 full level  
**D04B 15/32** (2006.01); **D04B 15/82** (2006.01)

CPC (source: EP)  
**D04B 15/32** (2013.01)

Citation (search report)  
• [A] FR 1563200 A 19690411  
• [AD] EP 0187269 A2 19860716 - LONATI SPA [IT]  
• [A] DE 2361283 A1 19740711 - WILDT MELLOR BROMLEY LTD  
• [A] IBM Technical Disclosure Bulletin vol. 27, no. 1A, June 1984, pages 50 - 54; R.A.Schulz: "Lineair DC brushless motor"

Cited by  
EP0376073A3; EP0467563A1; US5187951A; US5174133A

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0310845 A2 19890412; EP 0310845 A3 19900704**; CS 276133 B6 19920415; CS 8806630 A2 19891114; IT 1222838 B 19900912; IT 8722163 A0 19871006; JP H01111050 A 19890427

DOCDB simple family (application)  
**EP 88115285 A 19880916**; CS 663088 A 19881005; IT 2216387 A 19871006; JP 24916988 A 19881004