

Title (en)  
STRAIGHT BAR KNITTING MACHINE (COTTON SYSTEM)

Publication  
**EP 0139926 B1 19890412 (DE)**

Application  
**EP 84109407 A 19840808**

Priority  
DE 3330150 A 19830820

Abstract (en)  
[origin: ES8501022A1] A yarn guide bar member 14, instead of being driven mechanically from the main eccentric shaft is reciprocated by an endless belt 9 driven by a servo-motor 1 through belt transmission 4. The electronic control 18 for the servo-motor includes a program control 24 determining the end positions of the yarn guide in accordance with the pattern. Position (15) and speed (16) feedbacks control the servo-motor by comparison with required values. Electronic synchronization with the main eccentric shaft is provided. A sinker cam is similarly driven the drives for the latter and for a plurality of yarn guide bars may be arranged together at one end of the machine.

IPC 1-7  
**D04B 15/98**

IPC 8 full level  
**D04B 11/06** (2006.01); **D04B 15/98** (2006.01)

CPC (source: EP)  
**D04B 11/06** (2013.01); **D04B 15/98** (2013.01)

Cited by  
EP0602383A3; EP0600263A3; EP1072710A1

Designated contracting state (EPC)  
CH FR IT LI

DOCDB simple family (publication)  
**DE 3330150 A1 19850307; DE 3330150 C2 19950119**; DD 210317 A5 19840606; EP 0139926 A1 19850508; EP 0139926 B1 19890412; ES 529610 A0 19841101; ES 8501022 A1 19841101; GB 2145120 A 19850320; GB 2145120 B 19870401; GB 8403045 D0 19840307

DOCDB simple family (application)  
**DE 3330150 A 19830820**; DD 25957384 A 19840124; EP 84109407 A 19840808; ES 529610 A 19840203; GB 8403045 A 19840206