

Title (en)
FLAT BED KNITTING MACHINE WITH A NEEDLE SELECTION DEVICE

Publication
EP 0224031 A3 19871111 (DE)

Application
EP 86114652 A 19861022

Priority
DE 3541171 A 19851121

Abstract (en)
[origin: US4686839A] In the flat knitting machine with a needle selection device, the needles (12) are selected at double selection points and the non-selected needles (12) are locked by means of a locking jack (25) and the control butt (22) of their needle jack (19) is removed from the cam tracks. Force is transmitted to the needle (12) at a special coupling position (23/24) from the control butt (22) of the needle jack (19) articulated to the needle (12), and to increase the control possibilities without provision of additional cam tracks, presser cam elements (57-59), which act on the depressor butts (26) of the locking jacks (25) can be displaced in the plane of the cams. (FIG. 1).

IPC 1-7
D04B 15/70

IPC 8 full level
D04B 15/82 (2006.01); **D04B 15/70** (2006.01)

CPC (source: EP US)
D04B 15/365 (2013.01 - EP US); **D04B 15/70** (2013.01 - EP US); **D04B 15/78** (2013.01 - EP US); **D04B 35/18** (2013.01 - EP US)

Citation (search report)
[A] GB 2119413 A 19831116 - SHIMA IDEA CENTER CO LTD

Cited by
EP0371521A1; CN104120545A; CN100436681C; CN110172779A; WO9004669A1; WO9107531A1

Designated contracting state (EPC)
CH ES FR GB IT LI

DOCDB simple family (publication)
EP 0224031 A2 19870603; EP 0224031 A3 19871111; EP 0224031 B1 19881109; DE 3541171 A1 19870527; DE 3541171 C2 19871029; ES 2005053 B3 19890216; JP H0138898 B2 19890817; JP S62125053 A 19870606; US 4686839 A 19870818

DOCDB simple family (application)
EP 86114652 A 19861022; DE 3541171 A 19851121; ES 86114652 T 19861022; JP 27426786 A 19861119; US 93179086 A 19861118