

Title (en)
FLAT-BED KNITTING MACHINE

Publication
EP 0290008 A3 19911106 (DE)

Application
EP 88107156 A 19880504

Priority
DE 3715212 A 19870507

Abstract (en)
[origin: US4819455A] A flat knitting machine has in the needle grooves of the needle beds (31) successively arranged spring shaft needles (32) with needle butts (35, 36), slide jacks with butts and displaceable jacquard jacks (34) having respectively two butts as well as a cam system for the selection and activation of the needles and jacks, which has for its part at least two withdrawal cam elements (23, 24) which are displaceable in the cam plane. In order to simplify the construction of the cam and knitting system and to improve its operating properties, the slide jack is designed as a displaceable lifting jack (33) having a lifting jack butt (38) and a stop arranged before said lifting jack butt (38), on which the rear end of the spring shaft needle (32) can impact, the jacquard jack (34) is designed with a jacquard jack butt (39), a selection butt (40) and a slide butt (41) which can be lowered, and in the cam system selection flaps (42) are provided for needle selection and fixed cam parts (43) are provided for lifting selected jacquard jacks (34).

IPC 1-7
D04B 15/82

IPC 8 full level
D04B 15/36 (2006.01); **D04B 15/70** (2006.01); **D04B 15/82** (2006.01)

CPC (source: EP US)
D04B 15/70 (2013.01 - EP US)

Citation (search report)

- [AD] GB 2177427 A 19870121 - SCHIEBER UNIVERSAL MASCHF
- [A] EP 0189602 A1 19860806 - STEIGER SA ATELIER CONSTR [CH]
- [A] DE 2656824 A1 19780622 - SCHIEBER UNIVERSAL MASCHF
- [A] GB 2128210 A 19840426 - STOLL & CO H

Cited by
CN102517783A; CN102383257A; CN109881345A; WO9413873A1; WO9107531A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0290008 A2 19881109; EP 0290008 A3 19911106; DE 3715212 A1 19881201; JP S63288255 A 19881125; SU 1634143 A3 19910307; US 4819455 A 19890411

DOCDB simple family (application)
EP 88107156 A 19880504; DE 3715212 A 19870507; JP 11138688 A 19880507; SU 4355698 A 19880506; US 19097288 A 19880506