

Title (en)
Flat knitting machine.

Title (de)
Flachstrickmaschine.

Title (fr)
Machine à tricoter rectiligne.

Publication
EP 0424717 A1 19910502 (DE)

Application
EP 90119232 A 19901006

Priority
DE 3935763 A 19891027

Abstract (en)
[origin: JPH03152249A] PURPOSE: To most adequately and surely execute yarn treatment at a high operating speed by disposing movable sinkers between needles belonging to the sinkers and fixed loop-forming webs having loop forming edges extending at an angle to a knitted fabric drawing-out direction in a specific state. CONSTITUTION: The movable sinker 33 is disposed between a fixed loop-forming web 31 having the loop forming edge 35 extending at the acute angle with the knitted fabric drawing-out direction 34 viewed in the longitudinal direction of a needle bed and a needle (having a needle back surface 55 and needle head 49) belonging to the sinker 33. The edge 38 of the sinker affecting the yarn 40 is extended to the side lower than a projection 33.1 forming a bridge to cover a tooth mouth spacing 30 and to the rear of a knocking over edge 32. The edge 38 extends at an angle different from the angle that the loop forming edge 35 forms with the knitted fabric drawing-out direction 34 in the respective areas 38.1 and 38.2 and respective oscillation positions of the sinker 33.

Abstract (de)
Bei einer Flachstrickmaschine mit verstellbaren Platinen (33) sind diese Platinen jeweils zwischen einer Nadel (43) und einem feststehenden Maschenbildungssteg (31) eines Nadelbettes (42) angeordnet und so gestaltet, daß sie mit den eine Kulierkante bildenden Maschenbildungsstegen (31) beim Abschlagen neu gebildeter Maschen zusammenwirken können.

IPC 1-7
D04B 7/04; **D04B 15/90**

IPC 8 full level
D04B 7/04 (2006.01); **D04B 15/06** (2006.01); **D04B 15/90** (2006.01)

CPC (source: EP US)
D04B 15/06 (2013.01 - EP US); **D04B 15/10** (2013.01 - EP US); **D04B 15/90** (2013.01 - EP US)

Citation (search report)
• [AD] DE 3609539 C2 19871223
• [A] DE 3300026 A1 19831201 - MESTRE MAS MATIAS

Cited by
EP1522618A1; CN112877886A; EP0578458A1; EP2034063A1; EP0602622A1; US5475991A; EP2251469A1; CN101886309A; WO9213126A1; WO9507382A3

Designated contracting state (EPC)
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EP 0424717 A1 19910502; **EP 0424717 B1 19940330**; DE 3935763 A1 19910502; DE 3935763 C2 19930211; DE 59005182 D1 19940505; ES 2051431 T3 19940616; JP H03152249 A 19910628; JP H0633547 B2 19940502; US 5138849 A 19920818

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