

Title (en)
FLAT KNITTING MACHINE INCLUDING FIXED SINKERS

Title (de)
FLACHSTRICKMASCHINE MIT FESTEN PLATINEN

Title (fr)
MACHINE À TRICOTER RECTILIGNE COMPRENANT DES PLATINES FIXES

Publication
EP 3165649 B1 20200108 (EN)

Application
EP 16197050 A 20161103

Priority
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Abstract (en)
[origin: EP3165649A1] Fixed sinkers (2) are arranged side by side at a front end portion of a needle bed (11). Each of the fixed sinkers (2) includes a body (21), which has a curved portion (24) in a middle part thereof in a longitudinal direction, and a head (22) protruding from the body (21) toward a needle-bed gap (G). In the front end portion of the needle bed (11), a needle-bed-front-end support portion (12) and a snap-fit recess (13) are formed. The needle-bed-front-end support portion (12) supports a sinker-front-end support portion (25) via a first wire (31), which extends in a direction in which the bodies (21) are arranged side by side, and allows the head (22) to swing in directions toward and away from a needle-bed gap center (Ga) around an axis (m) of the first wire (31). The snap-fit recess (13) allows a fitting portion (23) to be snap fitted thereto by using a spring force generated when the curved portion (24) of the body (21) is bent. A linear member (34) is inserted into a corner of a linear-member support portion (14) in the front end portion of the needle bed (11), and a contact portion (27) of the body (21) is pressed toward the needle-bed gap center (Ga) to swing the head (22) around the axis (m) of the first wire (31) in the direction away from the needle-bed gap center (Ga).

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