

Title (en)

FLAT KNITTING MACHINE STRUCTURE WITH ADJUSTABLE GAP BETWEEN TWO KNOCK-OVER BITS

Title (de)

FLACHSTRICKMASCHINENSTRUKTUR MIT EINSTELLBAREM SPALT ZWISCHEN ZWEI ABSCHLAGPLATINEN

Title (fr)

STRUCTURE DE TRICOTEUSE RECTILIGNE À INTERVALLE RÉGLABLE ENTRE DEUX BECS DE PLATINE D'ABATTAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3702502A1] A flat knitting machine structure (100) with an adjustable gap between two knock-over bits includes two needle beds (11, 12) and two cam systems (13). Each needle bed (11 or 12) comprises a plurality of needles (15) and a plurality of knock-over bits (16). Each needle (15) are combined with a jack which comprises a butt (151). Each of the knock-over bits (16) comprises a control butt (161). The two needle beds (11, 12) are disposed at interval so that the knock-over bits (16) face each other to define a gap (10). The distance of the gap (10) is equal to a space (101) between two knock-over bits (16) facing each other. Each cam system (13) comprises a needle cam (131) to provide the plurality of butts (151) being placed and guide each needle (15) to make a knitting stroke towards the gap (10), and a knock-over bit cam (132) provides the control butts (161) being placed. The knock-over bit cam (132) is controlled to define a displacement stroke (133) for driving the plurality of knock-over bits (16) to change the size of the gap (10).

IPC 8 full level

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