

Title (en)  
MECHANICAL LOOM

Title (de)  
WEBMASCHINE

Title (fr)  
METIER MECANIQUE

Publication  
**EP 0850328 B1 20020313 (DE)**

Application  
**EP 96924727 A 19960806**

Priority  
• CH 9600273 W 19960806  
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Abstract (en)  
[origin: WO9709477A1] In the mechanical loom described, a weft insertion needle (28) feeds a loop of weft thread (30) into a shed (26). On the opposite side of the shed is a knitting needle (32) which ties the loop of weft thread (30). The weft insertion needle (28) and the knitting needle (32) are disposed such that the side (56) of the loop of weft thread (56) to be caught by the knitting needle (32) lies below or, at the highest, at the same level as the head (62) of the knitting needle (32). The head (62) of the knitting needle (32) is associated, in the position in which it catches the thread, with a guide plate (52) with a guide cam (54, 72) such that the side (56) of the loop of weft thread to be caught is passed over the head (62) of the knitting needle and into the hook (64) of the knitting needle when the weft insertion needle (28) is run out. In order to improve the weaving operation and the woven product, the guide plate (52) is located on the side of the knitting needle (32) opposite to the shed (26).

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IPC 8 full level  
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