

Title (en)  
FLAT BED KNITTING MACHINE

Publication  
**EP 0371521 B1 19930929 (DE)**

Application  
**EP 89202524 A 19890928**

Priority  
DE 3836806 A 19881028

Abstract (en)  
[origin: WO9004669A1] A flat-bed knitting machine has sprung shank needles (N) arranged one behind the other in the needle channels of the needle beds with first and second needle ends (1, 2) and sliding lifting plates (H) with an operative end (3) and a hinge system with at least four sliding needle lowering devices (N2.1, N2.2) in the hinge region. In order to improve and simplify the construction and operation of the needle beds and hinge systems for the whole range of bonding technology, the lifting plates (H) are designed to raise the second needle ends (2) in two stages to half and full height, the hinge system has control tongue (S1) which can be swung in the hinge plane by the first needle ends (1) in the hinge system and at least one first group of hinge components (A1.1, A1.2, A2.1, A2.1) which can be engaged and disengaged perpendicularly to the hinge plane.

IPC 1-7  
**D04B 15/68**

IPC 8 full level  
**D04B 15/36** (2006.01); **D04B 15/68** (2006.01); **D04B 35/04** (2006.01)

CPC (source: EP US)  
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