

Title (en)
Needle for a stitchforming system

Title (de)
Nadel für ein maschenbildendes System

Title (fr)
Aiguille pour un système formant des mailles

Publication
EP 1619282 A1 20060125 (DE)

Application
EP 04017486 A 20040723

Priority
EP 04017486 A 20040723

Abstract (en)
The needle body (2) has a hook (3) at the end, with a locking section (4) sliding on it and swinging in at least one of its positions. Between control plate (6) and control section (15) there is a coupling which can be controlled. The locking section (4) is guided by its cam slot (16) on a peg (18) bearing. When the closure section (14) opens the hook, it retreats into a slot (13) in the needle. The control plate is mounted to slide relative to the length of the needle. It is mounted to move back and forth on the needle. The cam track has a straight path (19) and a side section (21) forming with the peg (18) a swinging bearing for the closure section. The closure section is spring- (32) loaded in a given direction.

IPC 8 full level
D04B 35/04 (2006.01); **D04B 35/06** (2006.01)

CPC (source: EP KR US)
D04B 35/04 (2013.01 - EP KR US); **D04B 35/06** (2013.01 - EP US); **D05B 85/14** (2013.01 - KR)

Citation (search report)
• [X] DE 2909963 A1 19800925 - HOFMANN ULRICH
• [X] US 1391043 A 19210920 - WORTH BURSON WILSON

Cited by
EP2284308A1; US7971453B2

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