

Title (en)

CAM FOR DRIVING KNITTING NEEDLE AND WEFT KNITTING MACHINE

Title (de)

NOCKE ZUR ANSTEUERUNG EINER STRICKNADEL UND KULIERWIRKMASCHINE

Title (fr)

CAME D' ENTRAÎNEMENT D 'UNE AIGUILLE À TRICOTER ET MÉTIER À MAILLES CUEILLIES

Publication

**EP 2336410 A4 20140521 (EN)**

Application

**EP 09800197 A 20090718**

Priority

- JP 2009003391 W 20090718
- JP 2008189666 A 20080723

Abstract (en)

[origin: EP2336410A1] To provide a knitting needle driving cam and a flatbed knitting machine that can prevent seizure of a knitting needle to a butt in a simple structure. A cam member 40 for driving a knitting needle is generally plate-form and is mounted to a carriage reciprocating the surface of a needle bed 15. The cam member 40 has a groove cam 41 formed to face the surface of the needle bed 15 and having a cam wall face 43 that comes in contact with and guides a butt 48 protruding from a knitting member 46 housed in a needle groove 18 of the needle bed 15 to the outside of the needle groove 18. The groove cam 41 is provided with a chamfering 45, and the edge of the cam wall face 43 on the cam surface 42 side is removed. A butt 47 protrudes more than 2 mm from the surface of the needle bed 15. Between the surface of the needle bed 15 and the cam surface 42, a clearance S of 0.2 mm is provided. The edge is removed by the chamfering 45 in a range of 0.2 to 0.4 mm away from the cam face of the groove cam 41 to the thickness direction.

IPC 8 full level

**D04B 15/36** (2006.01)

CPC (source: EP)

**D04B 15/362** (2013.01)

Citation (search report)

- [XA] US 4637228 A 19870120 - SHIMA MASAHIRO [JP]
- [IA] GB 654358 A 19510613 - SCOTT & WILLIAMS INC
- See references of WO 2010010681A1

Cited by

CN102995285A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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