

Title (en)
CAM FOR DRIVING KNITTING NEEDLE AND WEFT KNITTING MACHINE

Title (de)
STRICKSCHLOSS ZUR ANSTEUERUNG EINER STRICKNADEL UND FLACHSTRICKMASCHINE

Title (fr)
CAME D' ENTRAÎNEMENT D 'UNE AIGUILLE À TRICOTER ET MÉTIER À MAILLES CUEILLIES

Publication
EP 2336410 B1 20160330 (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)
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