

Title (en)  
FLAT KNITTING MACHINE

Title (de)  
FLACHSTRICKMASCHINE

Title (fr)  
MACHINE À TRICOTER RECTILIGNE

Publication  
**EP 2392710 A1 20111207 (EN)**

Application  
**EP 09834315 A 20091203**

Priority  
• JP 2009006579 W 20091203  
• JP 2008333398 A 20081226

Abstract (en)  
A flat knitting machine capable of suppressing a vibration of a knitting operation butt when the knitting operation butt comes into contact with a lowering inclined plane is provided. The flat knitting machine is provided with a cam system including a cam plate 100, a needle raising cam 2, a bridge cam 3, and a stitch cam 4, and is further provided with a pair of in-and-out cams 1. Each in-and-out cam 1 is configured to freely go in and out from the cam plate between a rising inclined plane 8 and a lowering inclined plane 9. The in-and-out cam 1 is in an in-state so as not to inhibit movement of the knitting operation butt 70 on a side where the knitting operation butt 70 is raised by the rising inclined plane 8, and is in an out-state so as to make an up and down vibration margin of the knitting operation butt small at a guide inclined plane 10 facing a rear end of the knitting operation butt 70 on a side where the knitting operation butt 70 is lowered by the lowering inclined plane 9.

IPC 8 full level  
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