

Title (en)  
Knitting cam and cam apparatus

Title (de)  
Strickschlussteil und Schluss

Title (fr)  
Came de tricotage et serrure

Publication  
**EP 0698679 B1 19990310 (EN)**

Application  
**EP 95305896 A 19950823**

Priority  
JP 19889094 A 19940824

Abstract (en)  
[origin: EP0698679A1] A knitting cam (12a) which engages with butts (6, 7) for controlling forward and backward movements of needles having different projecting amounts in order to form a small stitch and a large stitch in the same course is provided with a common lowering cam face (21) for lowering the butts of both a needle for the formation of a small stitch and a needle for the formation of a large stitch, a stitch size determining cam face (23) for a small stitch contiguous to the common lowering cam face (21), and a stitch size determining cam face (25) for a large stitch located rearwardly of the stitch size determining cam face (23) for a small stitch and having a lesser thickness than the common lowering cam face (21) for acting upon a butt which projects by a greater amount. The cam (12a) is further provided with lowering movement restricting means (24a, 24b) for restricting the maximum lowered position at least of the needle for the formation of a small stitch. By this means the jumping of needles at high speeds of movement of the needles and carriage is prevented. <MATH>

IPC 1-7  
**D04B 15/36**

IPC 8 full level  
**D04B 15/36** (2006.01); **D04B 15/32** (2006.01)

CPC (source: EP)  
**D04B 15/327** (2013.01); **D04B 15/36** (2013.01)

Cited by  
CN101892551A; CN102108594A; CN100415972C; KR100950227B1; EP2594672A1; CN103122552A; KR101356983B1; US7155941B2; US6983626B2; WO2004016842A1; WO2004020720A1; EP1041183A2; EP3556921A1

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