

Title (en)

Sewing machine needle with improved loop formation

Title (de)

Nähmaschinennadel mit verbesserter Schlingenbildung

Title (fr)

Aiguille de machine à coudre avec formation améliorée des boucles

Publication

**EP 1069226 B1 20030521 (DE)**

Application

**EP 00106095 A 20000330**

Priority

DE 19932288 A 19990710

Abstract (en)

[origin: EP1069226A1] A sewing machine needle has an eye (7) at an acute angle, e.g. less than 15 degrees , with the needle axis (11) and that is long enough so that there is some distance between opposite edges (15,18) of the entry (12) and exit (14). Near the exit (14) is a lateral hump (22), which is blended into the needle outline and has a height preferably less than 80% of the diameter of the eye (7). An Independent claim is also included for a needle with an angled eye of circular cross-section and a lateral hump near the eye exit.

IPC 1-7

**D05B 85/00**

IPC 8 full level

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