

Title (en)  
TUFTING NEEDLE

Title (de)  
TUFTINGNADEL

Title (fr)  
AIGUILLE DE TUFTING

Publication  
**EP 0874932 B1 19991110 (DE)**

Application  
**EP 96945555 A 19961224**

Priority  
• DE 9602512 W 19961224  
• DE 19600328 A 19960108

Abstract (en)  
[origin: DE19600328C1] A large number of such tufting needles is moulded into needle modules which, in turn, are secured to a needle bar. On one side the tufting needles have a thread guide groove and one edge of the looper side opposite the thread guide groove is bevelled. Several variants must be held in readiness depending on the purpose and looper design. In the tufting needle and needle module system, therefore, there must be further simplifications so that the needle modules can be used for all ranges of looper designs. The invention provides for the second edge of the looper side of the tufting needle also to be bevelled.

IPC 1-7  
**D05C 15/20**

IPC 8 full level  
**D05C 15/20** (2006.01)

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Cited by  
US7328664B2; WO2005095703A1

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**DE 19600328 C1 19970213**; DE 59603644 D1 19991216; EP 0874932 A1 19981104; EP 0874932 B1 19991110; JP 2000502761 A 20000307; JP 3774232 B2 20060510; US 6142088 A 20001107; WO 9725466 A1 19970717

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**DE 19600328 A 19960108**; DE 59603644 T 19961224; DE 9602512 W 19961224; EP 96945555 A 19961224; JP 52474197 A 19961224; US 10136598 A 19981113