

Title (en)  
Tufting machine and needle module therefor

Title (de)  
Tuftingmaschine und Nadelmodul dafür

Title (fr)  
Machine à tufter et son module à aiguille

Publication  
**EP 0976860 B1 20030827 (DE)**

Application  
**EP 99114552 A 19990723**

Priority  
DE 19833836 A 19980728

Abstract (en)  
[origin: EP0976860A1] Tufting needles (4) are held in modules (3) which are mounted on needle bars so that alternate needles are displaced in the direction (6) of tufting. The displacement (S2) is at most half the stitch spacing (5). An Independent claim is also included for a method of mounting which allows the displacement within a row to be adjusted. Preferred Features: The displacement (S2) is equal to the quotient of 50 divided by the number of stitches per dm.

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

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

CPC (source: EP)  
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Cited by  
CN100378266C; US6886477B2; WO02090638A1; US11585029B2

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DOCDB simple family (publication)  
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