

Title (en)

TUFTING NEEDLE

Publication

**EP 0071164 B1 19841017 (DE)**

Application

**EP 82106559 A 19820721**

Priority

DE 8121878 U 19810725

Abstract (en)

[origin: US4480563A] In a tufting needle for tufting machines comprising an operative shank portion of oblong cross-section and containing a thread guide and eye and an anchoring shank portion by which the needle is embedded in a needle module, said anchoring portion is of elliptical or rhombic cross-section and the major axes of the cross-sections of both portions are disposed in substantially the same plane.

IPC 1-7

**D05B 85/00; D05C 15/20**

IPC 8 full level

**D05B 85/00** (2006.01); **D05C 15/20** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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**EP 82106559 A 19820721**; AT 82106559 T 19820721; CA 407932 A 19820723; DE 3261000 T 19820721; DE 8121878 U 19810725;  
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