

Title (en)  
LATCH-NEEDLE FOR MANUFACTURING KNIT-WEAR

Publication  
**EP 0077022 B1 19840926 (DE)**

Application  
**EP 82109246 A 19821006**

Priority  
DE 3140386 A 19811010

Abstract (en)  
[origin: WO8301259A1] The latch needle has a rod, a head and a pivoting tongue in the tongue slot. In order to provide for the perfect closure of the tongue and also to avoid its positioning on the side or under the head of the needle upon the closure motion, after a long utilization of the needle, the tongue spoon (8) is inclined to one side of the rod (1) and with respect to the symmetry plan (10) of the tongue (5) so that the lateral distance (A) from the most remote point (11) of the spoon (8) with respect to said symmetry plan (12) is at the most equal to half the thickness of the rod.

IPC 1-7  
**D04B 35/04**

IPC 8 full level  
**D04B 35/04** (2006.01)

CPC (source: EP US)  
**D04B 35/04** (2013.01 - EP US)

Cited by  
EP1873287A1; WO0208506A1; US6574995B2; US7523624B2

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DOCDB simple family (publication)  
**EP 0077022 A1 19830420; EP 0077022 B1 19840926**; CA 1189714 A 19850702; DE 3140386 A1 19830428; DE 3140386 C2 19830915; JP S58501678 A 19831006; JP S6059337 B2 19851224; US 4498315 A 19850212; WO 8301259 A1 19830414

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