

Title (en)  
Sliding-tongue needles for knitting machine

Title (de)  
Schiebernadel für Strickmaschine

Title (fr)  
Aiguille à coulisse pour machine à tricoter

Publication  
**EP 0881315 B2 20080206 (FR)**

Application  
**EP 98810368 A 19980427**

Priority  
CH 124397 A 19970527

Abstract (en)  
[origin: EP0881315A2] The needle (1) has a hooked end (3) and a slider (2) with a heel (4), a beak (5) and a shoulder to support the stitch. The slider moves relative to the needle to open and close the hook with its beak and move each stitch with its beak and shoulder. The slider has a U-shaped cross-section and a stepped end forming the beak for carrying a stitch. For part of its length from the beak the slider recess is wide enough to permit the passage of a needle with a stitch on it.

IPC 8 full level  
**D04B 15/02** (2006.01); **D04B 35/06** (2006.01)

CPC (source: EP KR)  
**D04B 35/06** (2013.01 - EP KR)

Citation (opposition)  
Opponent :

- GB 1005109 A 19650922 - I & R MORLEY LTD
- GB 1024634 A
- DE 1585207 A1 19720525 - I & R MORLEY LTD
- US 2092701 A 19370907 - INGALLS WILLIS A
- JP S3310684 B1

Cited by  
KR100825062B1; EP1229159A4; EP1233093A1; FR2821093A1; US6510712B2; EP1033428A2

Designated contracting state (EPC)  
AT BE CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0881315 A2 19981202; EP 0881315 A3 19991201; EP 0881315 B1 20020116; EP 0881315 B2 20080206**; AT E212078 T1 20020215; BR 9801693 A 19991005; CH 691543 A5 20010815; CN 1095890 C 20021211; CN 1205371 A 19990120; DE 69803142 D1 20020221; DE 69803142 T2 20020801; DE 69803142 T3 20080828; EA 000990 B1 20000828; EA 199800412 A1 19990429; ES 2171288 T3 20020901; ES 2171288 T5 20080701; JP 3190020 B2 20010716; JP H10325057 A 19981208; KR 100384734 B1 20030716; KR 19980087080 A 19981205; PT 881315 E 20020628; TW 477376 U 20020221

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