

Title (en)
Knitting machine needle

Title (de)
Strickmaschinennadel

Title (fr)
Aiguille pour machine à tricoter

Publication
EP 1500733 B1 20070822 (DE)

Application
EP 04015439 A 20040701

Priority
DE 10333172 A 20030722

Abstract (en)
[origin: EP1500733A1] A knitting machine needle (1) has a side-tab (3) extending from roughly the needle (2) mid-point, and a shank (15) with a double L-shaped section (18) terminating in a hook (6). The double L-shaped section (18) has a matching parallel slot (24) that reduces local rigidity. The slit corner radius is greater than the slit width. In a further embodiment the meandering slit may be sub-divided into three discrete straight sections.

IPC 8 full level
D04B 35/02 (2006.01); **D04B 35/04** (2006.01)

CPC (source: EP KR US)
D04B 35/02 (2013.01 - KR); **D04B 35/04** (2013.01 - EP US)

Cited by
CN113574218A; EP1988198A1; WO2020156875A1

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DE FR GB IT TR

DOCDB simple family (publication)
EP 1500733 A1 20050126; EP 1500733 B1 20070822; CN 100564637 C 20091202; CN 1576428 A 20050209; DE 10333172 A1 20050407; DE 10333172 B4 20060119; DE 502004004703 D1 20071004; JP 2005048352 A 20050224; JP 4343786 B2 20091014; KR 100605242 B1 20060728; KR 20050011705 A 20050129; US 2005016222 A1 20050127; US 6892556 B2 20050517

DOCDB simple family (application)
EP 04015439 A 20040701; CN 200410071685 A 20040721; DE 10333172 A 20030722; DE 502004004703 T 20040701; JP 2004211981 A 20040720; KR 20040056744 A 20040721; US 89534204 A 20040721