

Title (en)

Knitting machine needle with a meander arc with a slit

Title (de)

Strickmaschinennadel mit geschlitztem Mäanderbogen

Title (fr)

Aiguille de machine à tricoter dotée d'un arc à méandre fendu

Publication

EP 2172584 A1 20100407 (DE)

Application

EP 08165777 A 20081002

Priority

EP 08165777 A 20081002

Abstract (en)

The needle (1) has a needle body (2) with a foot (3) and a shank (4) provided with an upper narrow side (8) and a lower narrow side (9) and bearing a hook (5) on one end. The shank includes a meander curve (12) provided between the hook and the foot. The meander curve is provided with a meander curve slit that extends through one of the upper and the lower narrow sides. The curve slit is defined by two sections (15, 16) extending in a longitudinal direction of the body. A latch slit is arranged at a distance from the curve slit.

Abstract (de)

Eine erfindungsgemäße, als Mäandernadel ausgebildete Strickmaschinennadel (1) weist mindestens einen Mäanderbogen (12) auf, der mit einem Mäanderbogenschlitz (18) in Form eines zu dem Zungenschlitz parallelen Vertikalschlitz versehen ist. Dieser wird von zwei Seitenwänden (19,20) begrenzt, die vorzugsweise parallel zueinander orientiert sind und einen offenen Zwischenraum einschließen.

IPC 8 full level

D04B 35/04 (2006.01)

CPC (source: EP KR US)

D04B 15/00 (2013.01 - KR); **D04B 35/02** (2013.01 - KR); **D04B 35/04** (2013.01 - EP US)

Citation (applicant)

- DE 10333172 A1 20050407 - GROZ BECKERT KG [DE]
- DE 19740985 C2 19990930 - GROZ BECKERT KG [DE]
- DE 3612316 A1 19861030 - FUKUHARA NEEDLE CO LTD [JP]
- EP 1437434 A1 20040714 - GROZ BECKERT KG [DE]

Citation (search report)

- [X] EP 1437434 A1 20040714 - GROZ BECKERT KG [DE]
- [DA] DE 10333172 A1 20050407 - GROZ BECKERT KG [DE]
- [A] DE 8913293 U1 19891228

Cited by

EP2540889A3; US8438877B2

Designated contracting state (EPC)

DE IT RO TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2172584 A1 20100407; **EP 2172584 B1 20130109**; CN 101724975 A 20100609; CN 101724975 B 20121114; JP 2010090527 A 20100422; JP 5819038 B2 20151118; KR 101118027 B1 20120227; KR 20100038053 A 20100412; TW 201030201 A 20100816; TW I399468 B 20130621; US 2010083707 A1 20100408; US 7874183 B2 20110125

DOCDB simple family (application)

EP 08165777 A 20081002; CN 200910211692 A 20090930; JP 2009229699 A 20091001; KR 20090090811 A 20090925; TW 98133327 A 20091001; US 57181309 A 20091001