

Title (en)

CUTTING NEEDLE WITH REPLACEABLE BLADE

Title (de)

SCHNEIDNADEL MIT WECHSELBAREM MESSER

Title (fr)

AIGUILLE COUPANTE DOTÉE D'UNE LAME RÉGLABLE

Publication

EP 2009160 A1 20081231 (DE)

Application

EP 07012443 A 20070626

Priority

EP 07012443 A 20070626

Abstract (en)

The needle (1) has a needle body (2) including an end provided with a hook (3). A knife (6) is detachably connected with the body. The body has a form-fit holding unit (12) to support the knife. A detent device (19) holds the knife on the body. The holding unit is formed by a projection (14) and a notch (15). The detent device is formed by another projection (20) and another notch. The projections are arranged on an end of a slit (5) of the body at areas that are located at a distance from each other. The body has a moment support surface (17) for the knife.

Abstract (de)

Es ist eine Schneidnadel (1) für Strickmaschinen und ähnliche Anwendungsfälle vorgesehen worden, die einen Nadelkörper (2) aufweist, an der ein Messer (6) vorzugsweise durch eine Rasteinrichtung (19) lösbar gehalten ist. Eine solche Schneidnadel (1) mindert Wartungskosten von Strickmaschinen und eröffnet Wege zur fertigungstechnischen und materialmäßigen Optimierung von Nadelkörper (2) und Messer (6).

IPC 8 full level

D04B 35/02 (2006.01)

CPC (source: EP KR US)

D04B 15/60 (2013.01 - KR); **D04B 35/02** (2013.01 - EP US); **D04B 35/34** (2013.01 - KR)

Citation (applicant)

DE 2126522 A1 19721214

Citation (search report)

- [X] DE 2126522 A1 19721214
- [X] EP 1710335 A2 20061011 - GROZ BECKERT KG [DE]
- [A] US 1120989 A 19141215 - WILLIAMS LOUIS N D [US]

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DE IT RO TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2009160 A1 20081231; **EP 2009160 B1 20160928**; CN 101333728 A 20081231; CN 101333728 B 20110608; JP 2009007733 A 20090115; JP 5116579 B2 20130109; KR 101036758 B1 20110525; KR 20080114548 A 20081231; US 2009000338 A1 20090101; US 7533547 B2 20090519

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