

Title (en)
Knitting machine needle

Title (de)
Maschinenstricknadel

Title (fr)
Aiguille à tricoter pour métier à tricoter

Publication
EP 1767678 A1 20070328 (DE)

Application
EP 05020629 A 20050922

Priority
EP 05020629 A 20050922

Abstract (en)
Knitting machine needle comprises a shaft with a terminal hook (3) that forms a 180[deg] bend and tapers to a tip (12), and a latchet (6) that pivots on a bearing (9) on the breast of the needle between a closed position and a rearward position. Between the hook and the latchet bearing, the shaft has an angle of inclination, defined as the angle between any point on the shaft contour (17) and a line parallel to the back (16) of the needle, that always decreases in the direction of the breast (7) of the needle.

IPC 8 full level
D04B 35/04 (2006.01)

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

Citation (search report)

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- [X] GB 380554 A 19320922 - ROBERT KIRKLAND MILLS
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KR100824229B1

Designated contracting state (EPC)
DE FR GB IT TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1767678 A1 20070328; EP 1767678 B1 20080326; CN 1936141 A 20070328; CN 1936141 B 20110302; DE 502005003486 D1 20080508; JP 2007084996 A 20070405; JP 4617283 B2 20110119; KR 100824229 B1 20080424; KR 20070033911 A 20070327; US 2007084250 A1 20070419; US 7305855 B2 20071211

DOCDB simple family (application)
EP 05020629 A 20050922; CN 200610135706 A 20060921; DE 502005003486 T 20050922; JP 2006257587 A 20060922; KR 20060091661 A 20060921; US 52443206 A 20060921