

Title (en)

Needle for weft or warp knitting machines and machine provided therewith

Title (de)

Nadel für Strick- oder Wirkmaschinen und damit ausgerüstete Strickmaschine

Title (fr)

Aiguille pour métiers à mailles cueillies ou mailles jetées et machine à tricoter équipé avec celle-ci

Publication

EP 1321552 B1 20090520 (DE)

Application

EP 02028231 A 20021216

Priority

DE 10164550 A 20011218

Abstract (en)

[origin: EP1321552A1] A compound needle has a slider (4) moving in a groove in the needle (3) and at least part of the groove has a cover (16). The slider has a hook (4b) that is thicker than the width of the groove while the thickness of the needle hook (3b) is less than the thickness of the needle shaft (3a). <??>An Independent claim is also included for a knitting machine equipped with compound needles of this kind, especially a circular knitting machine with two needle beds, each bed having such needles. <??>Preferred Features: The slider is made in two parts, the butt end being connected by a snap coupling.

IPC 8 full level

D04B 35/04 (2006.01); **D04B 35/06** (2006.01); **D04B 9/46** (2006.01)

CPC (source: EP KR US)

D04B 35/04 (2013.01 - KR); **D04B 35/06** (2013.01 - EP US)

Cited by

CN102822403A; EP3530790A1; CN110184736A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1321552 A1 20030625; EP 1321552 B1 20090520; AT E431869 T1 20090615; CN 1329577 C 20070801; CN 1427105 A 20030702; DE 10164550 A1 20030710; DE 50213563 D1 20090702; ES 2327493 T3 20091030; HK 1056586 A1 20040220; JP 2003201656 A 20030718; KR 100948214 B1 20100318; KR 20030051353 A 20030625; SG 98501 A1 20030919; TW 200301327 A 20030701; TW I274090 B 20070221; US 2003121292 A1 20030703; US 6609398 B2 20030826

DOCDB simple family (application)

EP 02028231 A 20021216; AT 02028231 T 20021216; CN 02154793 A 20021204; DE 10164550 A 20011218; DE 50213563 T 20021216; ES 02028231 T 20021216; HK 03108986 A 20031211; JP 2002367387 A 20021218; KR 20020080526 A 20021217; SG 200207627 A 20021217; TW 91135821 A 20021211; US 32287202 A 20021218