

Title (en)

COMPLEX NEEDLE, WEFT KNITTING MACHINE

Title (de)

KOMPLEXE NADEL UND KULIERWIRKMASCHINE

Title (fr)

AIGUILLE COMPLEXE, MÉTIER À MAILLES CUEILLIES

Publication

EP 2551393 B1 20150923 (EN)

Application

EP 10848431 A 20100326

Priority

JP 2010055452 W 20100326

Abstract (en)

[origin: EP2551393A1] To provide a compound needle in which the entire length is shortened. A compound needle 100 includes a needle main body 1, a slider 2, and a needle jack 3. The needle main body 1 includes a needle jack engagement portion 12 that is formed locally thin, and an arm-slidably-contacting surface 13 having a width in parallel to the needle jack engagement portion 12 in a thickness direction of the needle main body 1. The slider 2 includes a slider plate 21 arranged in a slider base body 20, and a thin slider arm 23 that slidably contacts the arm-slidably-contacting surface 13 of the needle main body 1. The needle jack 3 includes a distal end engagement portion 32, which is formed in a distal end region 3R formed to a thickness smaller than or equal to a thickness of the needle jack engagement portion 12 and engages the needle jack engagement portion 12.

IPC 8 full level

D04B 35/06 (2006.01)

CPC (source: EP KR)

D04B 7/00 (2013.01 - KR); **D04B 35/06** (2013.01 - EP KR)

Cited by

EP3670725A1; WO2020127930A1

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DOCDB simple family (publication)

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