

Title (en)

Sliding-tongue needle with edged sliding channel

Title (de)

Schiebernadel mit gebördeltem Schieberkanal

Title (fr)

Aiguille à coulisse avec voie bordée pour coulisse

Publication

EP 2003233 B1 20100317 (DE)

Application

EP 07011848 A 20070616

Priority

EP 07011848 A 20070616

Abstract (en)

[origin: EP2003233A1] Compound needle (1) comprises side walls (8, 9) having a reduced thickness on their bent edges (11, 12). Preferred Features: The edges together form a join (19) and overlap. The side walls have steps (13, 14) on which the thickness of the side walls are reduced to a lower thickness of the edges. The steps are formed on the side of the side walls facing the sliding channel (5).

IPC 8 full level

D04B 35/06 (2006.01)

CPC (source: EP KR US)

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

Cited by

DE102013105239A1; EP3670725A1; WO2020127930A1

Designated contracting state (EPC)

DE IT RO TR

DOCDB simple family (publication)

EP 2003233 A1 20081217; EP 2003233 B1 20100317; CN 101324010 A 20081217; CN 101324010 B 20130206; DE 502007003153 D1 20100429; JP 2008308811 A 20081225; JP 2011196011 A 20111006; JP 5398783 B2 20140129; KR 100948008 B1 20100318; KR 20080110708 A 20081219; US 2008307832 A1 20081218; US 7555920 B2 20090707

DOCDB simple family (application)

EP 07011848 A 20070616; CN 200810125561 A 20080613; DE 502007003153 T 20070616; JP 2008155448 A 20080613; JP 2011127114 A 20110607; KR 20080054465 A 20080611; US 21316908 A 20080616