

Title (en)
Thread finger for a thread changing device

Title (de)
Fadenfinger für eine Fadenwechsellvorrichtung

Title (fr)
Guide-fil pour un dispositif de changement de fil

Publication
EP 2385161 A1 20111109 (DE)

Application
EP 11003308 A 20110420

Priority
DE 102010019032 A 20100503

Abstract (en)
The thread finger (10) has an elongated finger body (11) with an end fastened at a pivotal lever (14), where other end of the finger body includes a thread receiving area (12) for a knitting thread. A guide element (19) is movable along the finger body. A cutting knife (22) and a clamping element (24) are movable together with the guide element, where the clamping element is prestressed by spring force. The finger body is formed with a longitudinal slot (18). The guide element is displaceably supported in the longitudinal slot, where the finger body is formed as a metallic sheet punched part.

Abstract (de)
Ein Fadenfinger (10) für eine Fadenwechsellvorrichtung einer Strickmaschine mit einem Fingerkörper (11), in dem ein Führungselement (19) längs verschiebbar gelagert ist, das ein Schneidmesser (22) und ein Klemmelement (24) für den Strickfaden mit bewegt.

IPC 8 full level
D04B 15/60 (2006.01)

CPC (source: EP)
D04B 15/60 (2013.01)

Citation (applicant)
DE 19511949 B4 20091015 - SIPRA PATENT BETEILIGUNG [DE]

Citation (search report)
• [X] EP 0063371 A1 19821027 - IRO AB [SE]
• [X] US 7690224 B1 20100406 - WEI CHIH-LIANG [TW]
• [X] WO 0073564 A1 20001207 - MECMOR SPA [IT], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2385161 A1 20111109; EP 2385161 B1 20171220; CN 102234872 A 20111109; CN 102234872 B 20150121;
DE 102010019032 A1 20111103; ES 2662954 T3 20180410; JP 2011236545 A 20111124; JP 5946607 B2 20160706;
TW 201139771 A 20111116; TW I588312 B 20170621

DOCDB simple family (application)
EP 11003308 A 20110420; CN 201110109567 A 20110429; DE 102010019032 A 20100503; ES 11003308 T 20110420;
JP 2011103404 A 20110506; TW 100113891 A 20110421