

Title (en)

METHOD OF FEEDING THREAD TO A SEWING MACHINE AND SEWING MACHINE THREAD FEED

Title (de)

VERFAHREN UND VORRICHTUNG ZUR NÄHMASCHINENGARNZUFÜHRUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ALIMENTATION EN FIL D'UNE MACHINE À COUDRE

Publication

**EP 2529046 B1 20150107 (EN)**

Application

**EP 11705645 A 20110128**

Priority

- GB 201001367 A 20100128
- GB 2011000103 W 20110128

Abstract (en)

[origin: WO2011092466A1] A sewing machine thread feed for supplying sewing thread to a sewing machine, the sewing thread including a low melting point filament and a textile filament, the feed comprising: a guide mechanism for guiding sewing thread to a needle of the sewing machine; first and second spools carrying first and second filaments respectively, one of the spools carrying a low-melt filament and the other carrying a textile filament; first and second retention mechanisms for retaining the first and second spools respectively in position against force applied to them when filament is drawn off; the first and second filaments run from the first and second spools respectively to the guide mechanism; wherein the first filament runs from the first spool, through the centre of the second spool, so that the action of the second filament, when being drawn off the second spool, causes inter-winding of the first and second filaments to create composite sewing thread.

IPC 8 full level

**D02G 1/00** (2006.01); **D05B 59/00** (2006.01)

CPC (source: EP US)

**D02G 3/385** (2013.01 - EP US); **D02G 3/46** (2013.01 - EP US); **D05B 59/00** (2013.01 - EP US)

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

DOCDB simple family (publication)

**WO 2011092466 A1 20110804**; CN 102812173 A 20121205; CN 102812173 B 20150325; EP 2529046 A1 20121205; EP 2529046 B1 20150107;  
GB 201001367 D0 20100317; IN 6582DEN2012 A 20151023; US 2012291682 A1 20121122

DOCDB simple family (application)

**GB 2011000103 W 20110128**; CN 201180006712 A 20110128; EP 11705645 A 20110128; GB 201001367 A 20100128;  
IN 6582DEN2012 A 20120725; US 201113574953 A 20110128