

Title (en)
APPARATUS FOR COLOURING THREADS

Title (de)
VORRICHTUNG ZUM FÄRBEN VON FÄDEN

Title (fr)
APPAREIL DE COLORATION DE FILS

Publication
EP 2974987 A1 20160120 (EN)

Application
EP 15275171 A 20150713

Priority
• GB 201412502 A 20140714
• GB 201505044 A 20150325

Abstract (en)
There is provided an apparatus (1000) for colouring threaded material. The apparatus includes a drive member (1012) configured to rotate at least one take-up spool (1014), and a primary thread guide (1016) comprising a passage (1018) configured to guide a threaded material (1120) as the threaded material is wound onto the at least one take-up spool (1014). The primary thread guide (1016) further comprises a receptacle (1020) adapted to receive a marking device (1030), and the receptacle (1020) is configured to dispose a colorant-delivering portion of the marking device against the threaded material.

IPC 8 full level
B65H 71/00 (2006.01); **D04C 7/00** (2006.01); **D04D 1/02** (2006.01)

CPC (source: EP)
B65H 71/00 (2013.01); **D04C 7/00** (2013.01); **D04D 1/02** (2013.01); **D06B 1/12** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
GB 201412502 A 20140714

Citation (search report)
• [XA] DE 4427687 A1 19960208 - SIECOR FERTIGUNGSGESELLSCHAFT [DE]
• [X] US 3808618 A 19740507 - ARIMOTO H, et al
• [X] JP H11106133 A 19990420 - MURATA MACHINERY LTD

Cited by
EP3656906A1; US10982361B2; US11680346B2

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 2974987 A1 20160120; **EP 2974987 B1 20170823**; EP 2975166 A2 20160120; EP 2975166 A3 20160629; EP 2975166 B1 20190911; ES 2761618 T3 20200520

DOCDB simple family (application)
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