

Title (en)  
THREADING APPARATUS

Title (de)  
FÄDELVORRICHTUNG

Title (fr)  
APPAREIL DE FILETAGE

Publication  
**EP 2975166 A3 20160629 (EN)**

Application  
**EP 15275172 A 20150713**

Priority  
• GB 201412502 A 20140714  
• GB 201505044 A 20150325

Abstract (en)  
[origin: EP2974987A1] 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  
**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 (search report)  
• [XY] US 3667203 A 19720606 - KOSCHATZKY BRUNO, et al  
• [X] US 2004074220 A1 20040422 - HARMON LARY [US]  
• [YA] JP 2010261130 A 20101118 - ROYAL KOGYO KK  
• [A] US 2012244353 A1 20120927 - WRIGHT SHELIA [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

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)  
**EP 15275171 A 20150713**; EP 15275172 A 20150713; ES 15275172 T 20150713