

Title (en)
METHOD FOR CONTINUOUSLY UNWINDING A THREAD

Title (de)
VERFAHREN ZUM KONTINUIERLICHEN ABZIEHEN EINES FADENS

Title (fr)
PROCEDE DE DEVIDAGE CONTINU D'UN FIL

Publication
EP 1144295 A2 20011017 (DE)

Application
EP 99947449 A 19991001

Priority
• DE 19846484 A 19981009
• DE 19852745 A 19981116
• EP 9907291 W 19991001

Abstract (en)
[origin: WO0021866A2] The invention relates to a method and a device for continuously unwinding a thread and to a method and a texturing machine for texturing a thread. The thread is unwound from a supply bobbin. The end of the thread of the supply bobbin is joined to the start of the thread of a second supply bobbin (the reserve bobbin) by a knot-type joint, in order to ensure that the line is continuous for working or processing. According to the invention, a sensor is provided. Said sensor detects the passing over of the thread from the supply bobbin to the reserve bobbin after the supply bobbin has run out and indicates this accordingly.
[origin: WO0021866A2] A thread (1) is unwound from a supply bobbin (2). The end (6) of the thread of the supply bobbin (2) is joined to the start (7) of the thread of a reserve bobbin (3) by a knot-type joint (5), in order to ensure that the line is continuous for working or processing. A sensor (4) is provided and detects the passing over of the thread from the supply bobbin (2) to the reserve bobbin (3) after the supply bobbin (2) has run out and indicates this accordingly.

IPC 1-7
B65H 49/12

IPC 8 full level
B65H 49/12 (2006.01); **B65H 63/08** (2006.01); **D02G 1/02** (2006.01)

CPC (source: EP KR US)
B65H 49/12 (2013.01 - EP KR US); **B65H 63/086** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
WO2019037919A1; US11597624B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
WO 0021866 A2 20000420; **WO 0021866 A3 20011011**; **WO 0021866 A8 20011227**; CN 1239365 C 20060201; CN 1328524 A 20011226; DE 59911886 D1 20050512; EP 1144295 A2 20011017; EP 1144295 A3 20020828; EP 1144295 B1 20050406; JP 2003526584 A 20030909; JP 4651817 B2 20110316; KR 100690214 B1 20070312; KR 20010080062 A 20010822; TR 200100962 T2 20020923; TW 440616 B 20010616; US 2001037545 A1 20011108; US 6536087 B2 20030325

DOCDB simple family (application)
EP 9907291 W 19991001; CN 99811949 A 19991001; DE 59911886 T 19991001; EP 99947449 A 19991001; JP 2000575782 A 19991001; KR 20017004468 A 20010409; TR 200100962 T 19991001; TW 88117393 A 19991111; US 82872001 A 20010409