



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
17.09.2014 Bulletin 2014/38

(51) Int Cl.:
B65H 49/24 (2006.01) **B65H 51/10 (2006.01)**
B65H 51/20 (2006.01) **B65H 51/30 (2006.01)**
B65H 54/10 (2006.01) **H01F 41/06 (2006.01)**

(43) Date of publication A2:
10.07.2013 Bulletin 2013/28

(21) Application number: **12007687.2**

(22) Date of filing: **13.11.2012**

(84) Designated Contracting States:
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 States:
BA ME

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(30) Priority: **05.01.2012 JP 2012000309**

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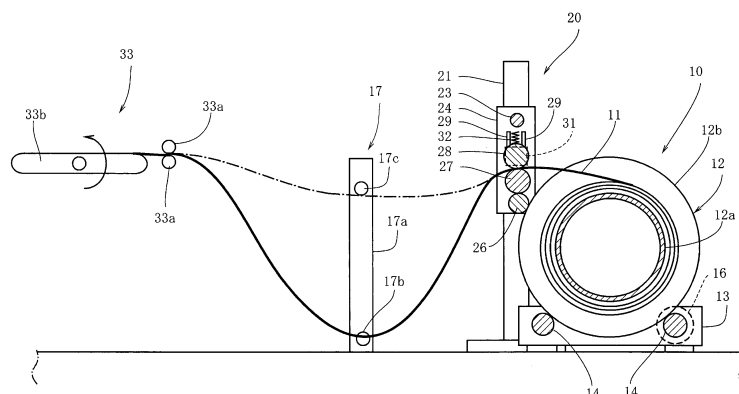
(54) **Slack preventing device for wire rod wound around spool, and slack preventing method therefore**

(57) The invention prevents a slack of a wire rod in a spool by preventing the wire rod fed by rotation of the spool from returning to the spool.

A wire rod slack preventing device (20) is installed parallel to a wire rod feeding machine (10) feeding a wire rod (11) by rotating a spool (12), around which the wire rod (11) is wound, and has a reverse rotation roller (26) having a rotating axis which is parallel to a rotating axis of the spool and rotating in a reverse direction to a rotating direction of the spool while being in contact with the spool, a forward rotation roller (27) having a rotating axis which is parallel to the rotating axis of the reverse rotation roller

(26) and rotating in the same direction as the spool while being in contact with the reverse rotation roller (26), and a pinching roller (28) having a rotating axis which is parallel to the rotating axis of the forward rotation roller (27) and pinching the wire rod, which is fed out of the spool, together with the forward rotation roller (27). Further, a wire rod slack preventing method draws the wire rod which is fed out due to the rotation of the spool, while pinching the wire rod by the forward rotation roller (27), which rotates with the rotation of the spool, together with the pinching roller (28).

Fig. 2





EUROPEAN SEARCH REPORT

 Application Number
 EP 12 00 7687

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 August 2014	Examiner Lemmen, René
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 12 00 7687

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The members are as contained in the European Patent Office EDP file on
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