

Title (en)
THREAD PICKUP DEVICE, THREAD TAKEUP DEVICE, AND THREAD SPLICING METHOD

Title (de)
FADENAUFNAHMEVORRICHTUNG, FADENWICKELVORRICHTUNG UND FADENSPLEISSVERFAHREN

Title (fr)
DISPOSITIF DE PRISE DE FIL, DISPOSITIF DE SAISIE DE FIL ET PROCÉDÉ D'ÉPISSAGE DE FIL

Publication
EP 3040299 A4 20170419 (EN)

Application
EP 14839760 A 20140204

Priority
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Abstract (en)
[origin: EP3040299A1] A yarn pull-out device (28) includes an upper yarn catch and guide device (30) and a detection part (68). The upper yarn catch and guide device (30) has a move and catch part (30a) which moves from a waiting position to a catching position in a winding part (17) side, sucks and catches a wound yarn that is a yarn in the winding part (17) side. A detection part (68) detects the wound yarn caught by the upper yarn catch and guide device (30). The move and catch part (30a) approaches the detection part (68) by moving from the waiting position to the catching position (that is, the detection part (68) is provided in a position other than the position of the move and catch part (30a)), the detection part (68) detects the presence or absence of the wound yarn within the move and catch part (30a) moved to the catching position.

IPC 8 full level
B65H 67/08 (2006.01)

CPC (source: EP)
B65H 67/085 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [XAI] US 3984060 A 19761005 - ENGELI ERNST
• [X] CH 480254 A 19691031 - SCHWEITER AG MASCHF [CH]
• [A] WO 2005070800 A1 20050804 - SAURER GMBH & CO KG [DE], et al
• [A] DE 2531044 A1 19770127 - SCHLAFHORST & CO W
• [A] JP 2005232612 A 20050902 - MURATA MACHINERY LTD
• See references of WO 2015029275A1

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DE102016115731A1; DE102018125327A1

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

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