

Title (en)
Yarn end retrieving apparatus

Title (de)
Vorrichtung zum Wiederfinden eines Garnendes

Title (fr)
Appareil d'extraction d'extrémité de fil

Publication
EP 2105401 A3 20120815 (EN)

Application
EP 09003055 A 20090303

Priority
JP 2008088646 A 20080328

Abstract (en)
[origin: EP2105401A2] A yarn end retrieving apparatus includes a yarn releasing device (3) that sucks and releases a yarn end from a surface of a bobbin (1), a cutter device (10) that cuts the yarn (Y) sucked out by the yarn releasing device (3), and a cylinder elevating and lowering device (16) that elevates and lowers a suction cylinder (13). The cylinder elevating and lowering device (16) is composed of a guide member (17), a slider (19) that slidably elevates and lowers along the guide member, and a driving structure that uses a stepping motor (25) as a driving source. The suction cylinder (13) is fixed to the slider (19) so as to be movable together with the slider. Power of the stepping motor (25) is used to elevate and lower the suction cylinder (13).

IPC 8 full level
B65H 67/08 (2006.01)

CPC (source: EP)
B65H 67/088 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [XI] DE 102005018381 A1 20061026 - SAURER GMBH & CO KG [DE]
- [XI] CN 101148232 A 20080326 - OERLIKON TEXTILE GMBH & CO KG [DE] & DE 102006044646 A1 20080403 - OERLIKON TEXTILE GMBH & CO KG [DE]
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- [YD] JP H08324892 A 19961210 - SCHLAFHORST & CO W

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EP3608267A4; CN102041589A; EP3225576A1; ITUA20162101A1; EP3748054A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

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EP 09003055 A 20090303; CN 200910128459 A 20090319; JP 2008088646 A 20080328