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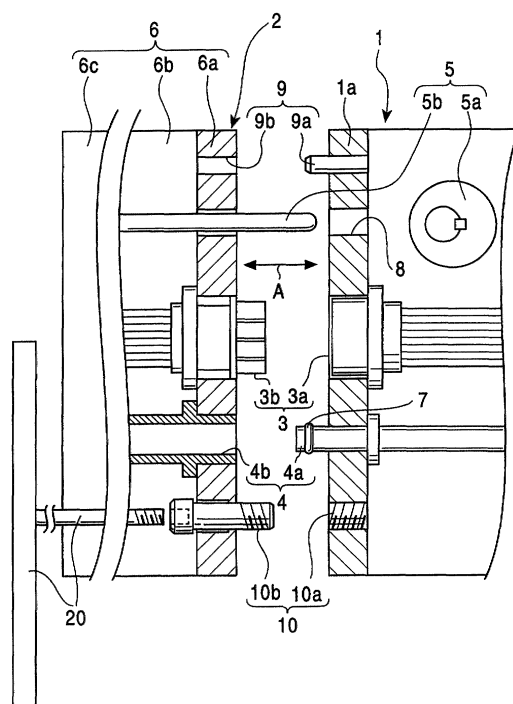
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(54) **Winding unit for automatic winder**

(57) The present invention enables a winding unit for an automatic winder to be easily assembled and inspected for maintenance, the winding unit comprising a winding unit constituting device requiring power transmission as well as wiring, piping, or the like that uses connectors, and also enables the winding unit constituting device to be easily assembled. A winding unit 11 for an automatic winder comprising winding unit constituting devices 2 attached to a winding unit support main body 1, wherein the winding unit support main body 1 comprises one 3a, 4a of matching junction sections of a connector 3, 4 disposed at a predetermined position thereof and one 5a of matching nodes of a transmission mechanism 5 disposed at a predetermined position thereof and corresponding to a driving or driven node, the winding unit constituting devices 2 each comprise a plurality of constituent members 6b, 6c assembled together and including an attachment member 6a removably attached to the winding unit support main body 1 as well as the other junction section 3b, 4b of the connector 3, 4 disposed at a predetermined position thereof, and when the attachment member 6a of the winding unit constituting device 2 is attached to or removed from the winding unit support main body 1, the junction sections 3a, 3b (4a, 4b) of the connector 3, 4 are joined together or mutually separated, respectively and the nodes 5a, 5b of the transmission mechanism 5 are connected together or mutually separated, respectively.

FIG. 4





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EUROPEAN SEARCH REPORT

Application Number
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Place of search THE HAGUE		Date of completion of the search 25 April 2002	Examiner D'Hulster, E
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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