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(71) Applicant: Murata Machinery, Ltd. Kyoto 601 (JP)

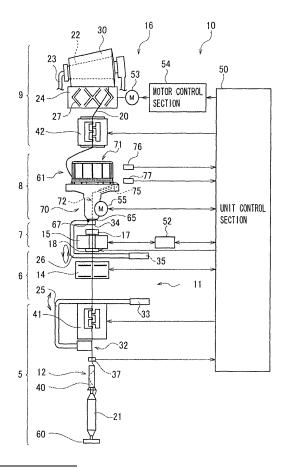
(72) Inventor: Kino, Yoshihiro Kyoto-shi Kyoto 612-8686 (JP)

(74) Representative: Liedl, Christine et al Hansmann & Vogeser Patent- und Rechtsanwälte Albert-Rosshaupter-Strasse 65 81369 München (DE)

(54) **Textile Machine**

An automatic winder includes a yarn winding section winding a yarn 20, an accumulator 61 that accumulates the yarn before being wound by the yarn winding section, a splicer device 14 performing a yarn splicing operation, and a downstream-side yarn guide pipe 26 catching a yarn end located on a downstream side of the splicer device 14 to guide the caught yarn end to the splicer device 14. The downstream-side yarn guide pipe 26 is configured so as to be movable between a catch position where the downstream-side varn guide pipe 26 catches the yarn end and a guide position where the downstream-side yarn guide pipe 26 guides the yarn end to the splicer device 14. The downstream-side yarn guide pipe 26 normally stands by in the vicinity of the catch position. The downstream-side yarn guide pipe 26 in the catch position is configured so as to be able to catch the yarn positioned between the splicer device 14 and the accumulator 61 (Fig. 1).

FIGURE 1



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| cite | Patent document ed in search report | | Publication date | | Patent family member(s) | Publication date |
|------|--|----|-----------------------------|----|-------------------------|---------------------|
| WO | 2006058582 | A1 | 08-06-2006 | EP | 1828040 | 05-09-200 |
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