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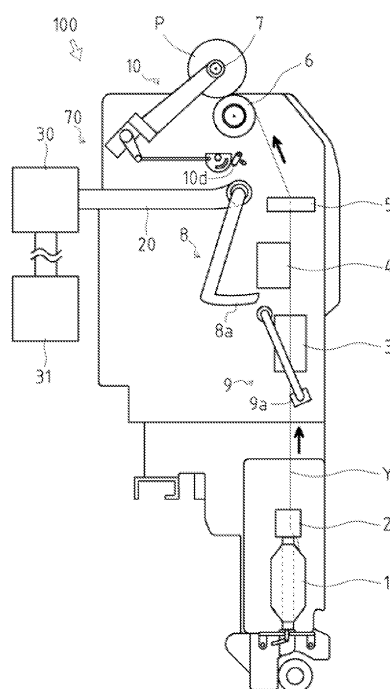
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(54) **Yarn Winding Device**

(57) A yarn end catching device 70 of a yarn winding device 100 includes a suction arm 8 that swings by catching a yarn end of a yarn Y wound into a package P through a suction mouth 8a formed at a leading end the suction arm 8 so that the yarn Y is pulled out from the package P by moving the suction mouth 8a closer to or away from the package P, a negative-pressure device 31 that generates negative pressure for sucking the yarn end of the yarn Y wound into the package P through the suction mouth 8a, and a suction force fluctuation mechanism 60 that controls suction force of the suction mouth 8a to fluctuate. The suction force fluctuation mechanism 60 controls suction force acting on the surface of the package P through the suction mouth 8a to fluctuate.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 10 19 5309

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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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