

(19)



(11)

EP 4 471 192 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
12.03.2025 Bulletin 2025/11

(43) Date of publication A2:
04.12.2024 Bulletin 2024/49

(21) Application number: **24176707.8**

(22) Date of filing: **17.05.2024**

(51) International Patent Classification (IPC):
D01D 5/08 (2006.01) **D01D 13/02** (2006.01)
B65H 57/00 (2006.01) **D01D 7/00** (2006.01)
D02G 1/02 (2006.01) **D01D 5/092** (2006.01)
D01D 5/088 (2006.01)

(52) Cooperative Patent Classification (CPC):
D01D 5/08; B65H 57/00; D01D 5/088; D01D 5/092;
D01D 7/00; D01D 13/02; D02G 1/0273

(84) Designated Contracting States:
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 ME MK MT NL
NO PL PT RO RS SE SI SK SM TR
 Designated Extension States:
BA
 Designated Validation States:
GE KH MA MD TN

(30) Priority: **22.05.2023 JP 2023083855**

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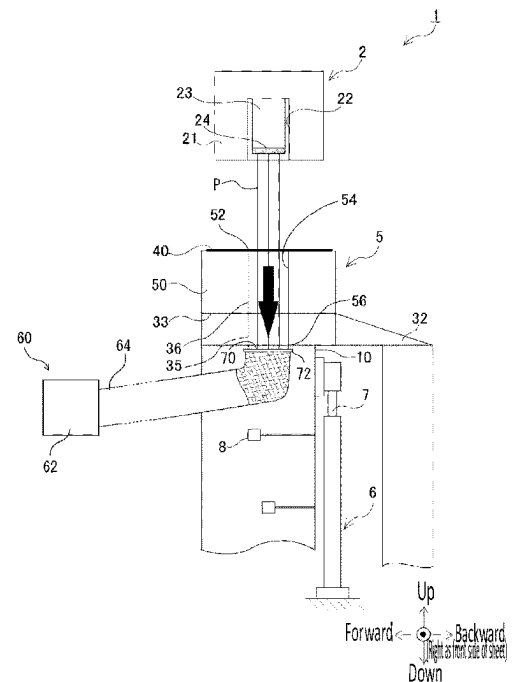
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(54) SPINNING WINDING SYSTEM AND YARN-THREADING ASSIST UNIT

(57) [Problem to be Solved] To provide a spinning winding system capable of facilitating yarn threading work, and a yarn-threading assist unit capable of facilitating yarn threading work performed at the spinning winding system.

[Solution to Problem] Provided is a spinning unit (2) configured to spin molten polymer (P) downward from a spinneret (24); a cooling unit (5) arranged below the spinning unit (2), including a spinning cylinder (50) for allowing the molten polymer (P) spun from the spinneret (24) to pass therethrough, so as to cool and solidify the molten polymer (P) thereby to form a yarn (Y); a moving mechanism (6) capable of causing the spinning cylinder (50) to move closer to and away from the spinning unit (2); and a yarn-threading assist unit (60) for assisting in yarn threading work of threading the molten polymer (P) through the spinning cylinder (50). The yarn-threading assist unit (60) is attached pressed against an outlet portion (56) for the yarn (Y) so that the spinning cylinder (50) has a negative pressure formed therewithin.

FIG. 7

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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 January 2025	Examiner Van Beurden-Hopkins
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