

Title (en)
HEATER AND YARN PROCESSOR

Title (de)
HEIZER UND GARNPROZESSOR

Title (fr)
DISPOSITIF DE CHAUFFAGE ET PROCESSEUR DE FIL

Publication
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Application
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Abstract (en)
An object of the present invention is to suppress the decrease in temperature of a yarn running space, etc. due to disturbance factors, and to rapidly increase the temperature of the yarn running space, etc. even when the temperature of the yarn running space, etc. is decreased. A first heater 13 (i.e., heater) configured to heat a yarn Y running in a yarn running space S includes a heat source 51 and a heating unit 52. The heating unit 52 is configured to be heated by the heat source 51, and forms the yarn running space S extending at least in a predetermined first direction. The heating unit 52 includes a first heating member 53 made of a first material and a second heating member 54 made of a second material. The second heating member 54 is provided at least between the heat source 51 and the yarn running space S in a cross section orthogonal to the first direction. The second material is lower in volumetric specific heat than the first material.

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Citation (applicant)
• JP 2002146640 A 20020522 - TEIJIN SEIKI CO LTD, et al
• JP 2002194631 A 20020710 - TORAY ENG CO LTD
• JP 2009074219 A 20090409 - TMT MACHINERY INC

Citation (search report)
• [A] CN 105862201 B 20191224
• [A] US 3916609 A 19751104 - YAMADA SEIBI, et al
• [A] JP 2003138439 A 20030514 - MURATA MACHINERY LTD
• [A] EP 0784110 B1 20020904 - MURATA MACHINERY LTD [JP]
• [A] US 2002070207 A1 20020613 - MORHENNE SIEGFRIED [DE], et al

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