

Title (en)
Textile machine arrangement

Title (de)
Anordnung für eine Textilmaschine

Title (fr)
Agencement pour machine textile

Publication
EP 0903431 A3 19990915 (EN)

Application
EP 98307212 A 19980907

Priority
GB 9719859 A 19970919

Abstract (en)
[origin: EP0903431A2] An ergonomically acceptable configuration of textile machine arrangement (10) is presented which allows processing at higher surge speeds than is the case with known heater and cooling plate arrangements without detriment to the yarn properties, and in which the temperature settings and hence the power consumption of the heater (18) are minimised and the processing is more uniform. The machine (10) has a heating device (18) with a substantially vertical heated surface (20) and the yarn (23) is fed along a yarn path upwardly from a creel (11) to an inlet end (32) of the heating device (18), downwardly in contact with the heated surface (20), through a cooling device (19, 39) and to a false twisting device (16), and the yarn path between the heating device (18) and the false twisting device (16) is inclined to the vertical out of the plane of the heating surface (20). The yarn path through the cooling device (19, 39) is curved, either along a curved track (19) or helically around the surface of a straight tube (39). <IMAGE>

IPC 1-7
D02G 1/02; **D02J 13/00**

IPC 8 full level
D02G 1/02 (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP)
D02G 1/02 (2013.01); **D02J 13/001** (2013.01)

Citation (search report)
• [A] EP 0744481 A1 19961127 - RIETER SCRAGG LTD [GB]
• [A] US 4581884 A 19860415 - BROUGH DENYS W [GB]
• [A] EP 0483989 A1 19920506 - RIETER SCRAGG LTD [GB]
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• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 181 (C - 0830) 9 May 1991 (1991-05-09)

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