

Title (en)

YARN FEEDING DEVICE AND METHOD FOR YARN FEEDING

Title (de)

FADENLIEFERVORRICHTUNG UND VERFAHREN ZUR FADENLIEFERUNG

Title (fr)

DISPOSITIF ET PROCEDE D'ALIMENTATION EN FIL

Publication

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Application

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Abstract (en)

[origin: WO03038172A1] The invention relates to a yarn feeding device (B) of a weaving machine (W), comprising at least two yarn feeding appliances (F1, F2) delivering the same yarn quality in a weft mixing process. Each yarn feeding appliance comprises a variable speed control system (C), a sensor arrangement (6) which supplies control signals for the size of the reel, and at least one fault sensor (Z1, Z2), by which means a fault signal (X) indicating a change in the weft mixing condition, e.g. a yarn break in the upstream from the reel, can be emitted. According to the invention, a fault signal transmission link (Q1, Q2) is provided by each yarn feeding appliance for the speed control system (C) of each other yarn feeding appliance, and an over-regulation routine (6) is provided in each speed control system (C), said routine enabling the speed to be increased before the change in the weft mixing condition, by means of the fault signal (X), independently from the control signals of the sensor arrangement (6).

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