

Title (en)

PROCESS AND DEVICE FOR PARALLELING A TRANSPORT CARRIAGE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PARALLELRICHTEN EINES TRANSPORTWAGENS

Title (fr)

PROCEDE ET DISPOSITIF D'ALIGNEMENT EN PARALLELE D'UN CHARIOT DE TRANSPORT

Publication

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Application

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Abstract (en)

[origin: WO9420659A2] A process and device are disclosed for paralleling a yarn or cloth roller transport carriage (10) which may be positionable in front of a mechanical weaving loom (32). The automobile carriage body (169) has two motor-driven, steerable driving wheels (12) which are mutually spaced apart in the longitudinal direction. In order to parallel the transport carriage (10), the carriage is at first positioned in the longitudinal direction in the yarn or cloth feeding path with respect to the weaving loom (32), then its driving wheels (12) are turned transversely to the moving direction. The transverse distances between two distance sensors (40) fixed to the carriage body and mutually spaced apart in the longitudinal direction on the one hand and two opposite reflecting surfaces (42) fixed to the loom on the other hand are measured without contact and compared in order to generate a difference signal. The difference signal may be optically displayed as a steering or driving indication and/or may be converted into a control signal for driving and/or steering the driving wheels (12) so as to parallel the transport carriage (10).

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