

Title (en)
METHOD FOR THE CONTROL OF A WEFT THREAD DELIVERY DEVICE IN A YARN PROCESSING SYSTEM AND YARN PROCESSING SYSTEM

Title (de)
VERFAHREN ZUM STEUERN EINES SCHUSSFADEN-LIEFERGERÄTS IN EINEM FADENVERARBEITENDEN SYSTEM UND FADENVERARBEITENDEN SYSTEM

Title (fr)
PROCEDE POUR LA COMMANDE D'UN APPAREIL D'ALIMENTATION DE FIL DE TRAME DANS UN SYSTEME DE TRAITEMENT DE FILS ET SYSTEME DE TRAITEMENT DE FILS

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Abstract (en)
[origin: US2003145899A1] The invention relates to a method for controlling a weft yarn feeding device F in a yarn processing system, comprising, in addition to the feeding device, a power loom L which consumes weft yarn Y on operation, whereby a run-signal is generated by the power loom which initialises the start-up of the weaving operation. The run-signal also is transmitted to the feeding device, essentially simultaneously with a start-signal X, generated externally of the feeding device. The drive motor M of the feeding device is driven at a predetermined speed, after emission of the external start-signal X in order to prevent an undesired reduction of the size of a yarn store 13 by the initial consumption demand of the start-up of the weaving operation of the power loom. A signal transmitting connection 19, 19' is provided in the yarn processing system between the power loom L and a control unit C1 of the feeding device F for transmitting a start-signal X which is derived from the run-signal of the power loom. On start-up of the power loom L the drive motor M of the feeding device is driven at a predetermined speed by means of the control device and independent of the size of the yarn store in the feeding device.

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