

Title (en)
Control system for a weaving frame

Title (de)
Überwachungsvorrichtung für ein Webgatter

Title (fr)
Système de contrôle pour un cantre de tissage

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Application
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Abstract (en)
The invention relates to a control system for a weaving frame from out of which pile warp threads are distributed to a weaving machine, with provisions for detecting thread breakage and/or thread over-tension of the pile warp threads whereby the detection provisions are so connected in matrix structure with the control system that the number of the signal points to be detected by the control system is reduced to a fraction of the number originating from the detection provisions. These signals are preferably detected by means of micro-controllers which are connected via a fieldbus provision to a microprocessor operated creel controller processing unit of the weaving machine. Furthermore the control system preferably comprises thread tensioning and thread drawing-back provisions which in case of an extreme condition thereof make contact with detection electrodes. <IMAGE>

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