

Title (en)

Method for controlling restart of weaving operation of loom

Title (de)

Verfahren zur Steuerung des Wiederanlaufs einer Webmaschine

Title (fr)

Procédé pour contrôler le redémarrage d'un métier à tisser

Publication

EP 0839939 B1 20020220 (EN)

Application

EP 97118839 A 19971029

Priority

JP 28681996 A 19961029

Abstract (en)

[origin: EP0839939A1] When weaving operation is stopped due to a weft insertion failure, the loom is driven in a backward direction so that pick finding is conducted and a defective weft yarn is removed. After that, the loom is reset to a start state. In this case, a shed is formed in accordance with a correction pattern SKsj ($j=1, 2, \dots$) instead of a regular shedding pattern SKi. By setting the shedding size of the correction pattern SKsj to $\langle \text{MATH} \rangle$ the warp yarn is not in excessively large tension. In this manner, weft yarns woven into a fabric before the occurrence of weft insertion failure are not undesirably moved, thereby keeping the density of weft yarn uniform, and preventing filling bar in the fabric. <IMAGE>

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CPC (source: EP)

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Cited by

CN104153108A; EP1862573A1; US6953063B2; WO2016015674A1; WO0234982A3

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