

Title (en)

Process to avoid the weave in of a broken weft yarn in a woven fabric

Title (de)

Verfahren zum Vermeiden des Einwebens eines gebrochenen Schussfadens in ein Gewebe

Title (fr)

Procédé pour éviter l'entretissage d'un fil de trame cassé dans un tissu

Publication

**EP 0747519 A3 19970924 (DE)**

Application

**EP 96108675 A 19960530**

Priority

DE 19521106 A 19950609

Abstract (en)

[origin: EP0747519A2] A method to avoid including a broken weft thread in a weave mfd. on an air jet loom entails detection by a sensor of a thread break caused when a weft thread is inserted into a weaving shed, signalling this occurrence to a loom controller so that the weaving process is stopped and, in contradiction to the normal weaving procedure cut from a repair weft thread which is being held ready. After stopping the weaving process, a known work sequence is introduced wherein the repair weft thread is measured out to such a length on the broken and cut weft thread that the sensor confirms its non-arrival whereupon the weaving process is kept at a standstill.

IPC 1-7

**D03D 47/30**

IPC 8 full level

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CPC (source: EP US)

**D03D 47/3086** (2013.01 - EP US); **D03D 51/085** (2013.01 - EP US)

Citation (search report)

- [A] EP 0322576 A1 19890705 - V U KONCERNOVA UCELOVA ORG ZVS [CS]
- [A] EP 0330023 A1 19890830 - V U KONCERNOVA UCELOVA ORG ZVS [CS]
- [A] EP 0332257 A1 19890913 - PIKANOL NV [BE]
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- [A] EP 0534541 A1 19930331 - SOMET SOC MEC TESSILE [IT]
- [AD] US 4781221 A 19881101 - ONISHI KIMIMASA [JP], et al
- [AD] EP 0309013 A1 19890329 - PIKANOL NV [BE]
- [AD] EP 0310804 A2 19890412 - PIKANOL NV [BE]

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**EP 96108675 A 19960530**; DE 19521106 A 19950609; JP 14585996 A 19960607; US 66148096 A 19960610