

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

D03D 47/30 (2006.01); **D03D 51/00** (2006.01); **D03D 51/08** (2006.01); **D03D 51/34** (2006.01)

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]
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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]

Designated contracting state (EPC)

BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0747519 A2 19961211; **EP 0747519 A3 19970924**; DE 19521106 A1 19961212; JP 2859581 B2 19990217; JP H0921037 A 19970121; US 5642759 A 19970701

DOCDB simple family (application)

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