

Title (en)
WEAVING METHOD

Title (de)
WEBVERFAHREN

Title (fr)
PROCEDE DE TISSAGE

Publication
EP 1161581 B1 20030618 (DE)

Application
EP 00912614 A 20000316

Priority
• DE 19912092 A 19990318
• EP 0002338 W 20000316

Abstract (en)
[origin: US6450211B1] Process for producing high-density woven fabrics on a water-jet loom, comprising feeding a warp having up to three catch threads on one edge, inserting weft threads into the warp in the direction of the catch threads, beating-up the weft threads to produce a woven fabric, severing the ends of the weft threads at the edges of the warp, and removing the ends of the weft threads, characterized in that, seen from both edges of the warp, 5 to 60 threads of the warp, following the catch threads on the edge of the warp with the catch threads, are support threads that are maintained at a tension that is 2 to 20 cN/tex higher than that of the threads forming the remaining warp, that after production of the fabric the weft threads between the edges of the remaining warp and the support threads are severed by fusion and joined to threads at the edges of the remaining warp, and that the severed ends of the weft threads are removed together with the support threads and the catch threads.

IPC 1-7
D03D 47/40; **D03D 47/50**

IPC 8 full level
B60R 21/16 (2006.01); **D03D 1/02** (2006.01); **D03D 23/00** (2006.01); **D03D 47/32** (2006.01); **D03D 47/40** (2006.01); **D03D 47/44** (2006.01); **D03D 47/50** (2006.01)

CPC (source: EP KR US)
D03D 47/40 (2013.01 - EP KR US); **D03D 47/50** (2013.01 - EP US)

Cited by
CN112251872A; DE102005022567A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0056968 A1 20000928; AT E243271 T1 20030715; CN 1116460 C 20030730; CN 1344339 A 20020410; DE 50002589 D1 20030724; EP 1161581 A1 20011212; EP 1161581 B1 20030618; JP 2002540308 A 20021126; JP 4518359 B2 20100804; KR 20010112330 A 20011220; US 6450211 B1 20020917

DOCDB simple family (application)
EP 0002338 W 20000316; AT 00912614 T 20000316; CN 00805201 A 20000316; DE 50002589 T 20000316; EP 00912614 A 20000316; JP 2000606824 A 20000316; KR 20017011672 A 20010914; US 93678501 A 20010918