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: WO0056968A1] The invention relates to a method of producing very tightly woven fabrics using a water-jet weaving machine. Said method comprises the following steps: supply of a warp which at one edge has up to three leno threads; introduction of picks into the warp in the direction of the leno threads; beat-up of the picks to produce a woven fabric; separation of the pick ends at the warp edges; and removal of the pick ends. The invention is characterized in that, as seen from the two warp edges, between 5 and 60 warp threads, which at the warp edge follow the leno threads with same, are leading threads which are maintained at a tension which is 2 and 20 cN/tex higher than the tension of the threads forming the remainder of the warp; in that after production of the woven fabric the picks are severed by cut-off sealing between the edges of the remaining warp and the leading thread and joined to thread located at the edges of the remaining warp; and in that the cut ends of the picks, the leading threads and the leno threads are removed.

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