

Title (en)
STITCHED SEAM FOR HIGH-TENSILE WOVEN FABRICS

Title (de)
NAHTVERBINDUNG FÜR HOCHZUGFESTE GEWEBE

Title (fr)
COUTURE POUR STRUCTURES TISSEES TRES RESISTANTES A LA TRACTION

Publication
EP 0889990 B1 20000621 (DE)

Application
EP 97914260 A 19970315

Priority
• DE 19610616 A 19960319
• EP 9701347 W 19970315

Abstract (en)
[origin: US6065505A] PCT No. PCT/EP97/01347 Sec. 371 Date Sep. 17, 1998 Sec. 102(e) Date Sep. 17, 1998 PCT Filed Mar. 15, 1997 PCT Pub. No. WO97/35065 PCT Pub. Date Sep. 25, 1997A stitched seam for high-tensile woven fabric strips, in particular for dryer screen fabric for paper machine clothing, wherein the warp thread loops of the two fabric sections to be interconnected are connected at the location of the common seam by a closure wire. At least one of the two outer regions of the two fabric strip sections to be interconnected comprises a worked-in helix at the location of the seam. Each of the helices embraces at least one weft thread and the closure thread. The other region of the stitched seam of the ends of the two fabric strip sections consists of the loops formed by the warp threads of the fabric.

IPC 1-7
D21F 1/00

IPC 8 full level
D21F 1/00 (2006.01)

CPC (source: EP US)
D21F 1/0054 (2013.01 - EP US); **Y10S 162/904** (2013.01 - EP US); **Y10T 428/249922** (2015.04 - EP US)

Citation (examination)
DE 2806742 A1 19780928 - ALBANY INT CORP

Cited by
US8025969B2

Designated contracting state (EPC)
AT BE CH DE ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)
US 6065505 A 20000523; AT E194020 T1 20000715; CA 2249436 A1 19970925; DE 19710850 A1 19970925; DE 59701916 D1 20000727; EP 0889990 A1 19990113; EP 0889990 B1 20000621; ES 2150232 T3 20001116; NO 311770 B1 20020121; NO 984292 D0 19980916; NO 984292 L 19981116; PT 889990 E 20001130; WO 9735065 A1 19970925

DOCDB simple family (application)
US 15504498 A 19980917; AT 97914260 T 19970315; CA 2249436 A 19970315; DE 19710850 A 19970315; DE 59701916 T 19970315; EP 9701347 W 19970315; EP 97914260 A 19970315; ES 97914260 T 19970315; NO 984292 A 19980916; PT 97914260 T 19970315