

Title (en)

PROCESS AND APPARATUS FOR MAKING A WOVEN SEAM BETWEEN TWO ENDS OF A FABRIC

Publication

EP 0043441 B1 19841003 (DE)

Application

EP 81104197 A 19810602

Priority

DE 3025909 A 19800709

Abstract (en)

[origin: US4410015A] The end portions to be connected are arranged opposite one another, after at least some of the web weft threads have been removed therefrom to form a tying strip interconnecting the ends of the web warp threads in their original order. The web warp threads are gradually released from the tying strip, spatially separated, on an individual basis and in their original order, from the following web warp threads and delivered to the entrance of the then open seam loom shed formed in seam warp threads positioned intermediate the points of emergence of the web warp threads out of the original web. Thereafter, the separated threads are caused to traverse, as seam weft threads, the respectively associated seam shed produced by a Jacquard seam loom, this traversing movement being accomplished by a clamping arrangement arranged at the free end of a floating arm. A seam loom slay of a needle arrangement shifts the introduced seam weft thread into its proper position in the seam and the respective seam loom shed is then closed to detain the seam weft thread in this position. The separator may include a plurality of alternating thicker and thinner, smaller and larger, disks which form an arcuate helical groove at the periphery of the separator, or it may include a plurality of radially extending needles.

IPC 1-7

D21F 1/00; **D03D 41/00**

IPC 8 full level

D03D 41/00 (2006.01); **D21F 1/00** (2006.01)

CPC (source: EP US)

D03D 41/00 (2013.01 - EP US); **D21F 1/0054** (2013.01 - EP US)

Cited by

EP0610881A1; GB2125727A; US4557025A; DE20105091U1; DE8814443U1; DE3733120A1; DE3446941A1; EP0477734A1; EP0289640A1; EP0236601A1; EP0597493A1; US5386854A; DE9215427U1; DE202005018856U1; AU679790B2; US5358015A; EP0586959A1; DE9211353U1; US6948531B2; WO9508668A1; WO8400782A1

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