Title (en)
Method for sewing groups of stitching patterns in a zigzag sewing machine.

Title (de)
Verfahren zum nähen von Stichmustergruppen auf einer Zick-Zack-Nähmaschine.

Title (fr)
Procédé pour coudre des groupes de motifs de points de couture sur une machine à coudre zigzag.

Publication
EP 0496178 B1 19940727 (DE)

Application
EP 91810913 A 19911125

Priority
CH 20291 A 19910124

Abstract (en)
[origin: US5111758A] A row of at least two coherent cruciform elementary patterns of stitches is formed in a zig-zag sewing machine by first making a first series of at least two zig-zag stitches and by thereupon making a second series of at least two zig-zag stitches which are mirror images of the stitches of the first series and each of which crosses a different stitch of the first series of stitches. The needle is caused to penetrate into the work in the middle of the first or last stitch of the first series of stitches prior to making the second series of stitches. Each stitch of the first and second series of stitches includes at least one uninterrupted length of thread. Only one crossing point of the stitches which form the first and second series is located at a needle perforation point. The first row of at least two cruciform elementary patterns can be followed by any desired number of additional rows in any desired orientation to form ornamental or other arrays of rows of cruciform patterns.

IPC 1-7
D05B 19/00; D05B 93/00

IPC 8 full level
D05B 3/00 (2006.01); D05B 19/10 (2006.01); D05B 93/00 (2006.01)

CPC (source: EP US)
D05B 19/10 (2013.01 - EP US); D05B 93/00 (2013.01 - EP US)

Citation (examination)
CH 226215 A 19430331 - ALFRED HOLLENSTEIN & CO [DE]

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
US 5111758 A 19920512; CH 682755 A5 19931115; DE 59102360 D1 19940901; EP 0496178 A1 19920729; EP 0496178 B1 19940727; JP H05345084 A 19931227

DOCDB simple family (application)
US 73846291 A 19910731; CH 20291 A 19910124; DE 59102360 T 19911125; EP 91810913 A 19911125; JP 169692 A 19920108