

Title (en)

PROCESS FOR MAKING A HINGE SEAM FOR CONNECTING THE ENDS OF A WOVEN BAND TOGETHER, AND APPARATUS FOR CARRYING IT OUT

Publication

**EP 0185907 B1 19891011 (DE)**

Application

**EP 85114437 A 19851113**

Priority

DE 3446941 A 19841221

Abstract (en)

1. A method of manufacturing an insertion-type seam for making a web belt, especially a wire web, endless, in which the warp ends of each web side are interwoven with an auxiliary warp strip, characterized in that the warp ends after unravelling of the right-hand and the left-hand web sides are strung in a magazining bunch mechanically individually separated in accordance with the weaving order and alternately returned and rewoven about a central wire of any desired cross-sectional area, said central wire being disposed in the centre of the auxiliary warp strip and consisting of at least one wire, so that in accordance with the weaving progress a warp end of the right-hand and the left-hand web side alternately winds about the central wire, while the respective opposite warp is re-woven without being looped about the central wire, the warp ends after insertion into the shed made in accordance with the weaving order being beaten up in parallel to the selvedge.

IPC 1-7

**D03D 3/04**; **D03D 41/00**; **D21F 1/00**; **D21F 7/10**

IPC 8 full level

**D06H 5/00** (2006.01); **D03D 3/04** (2006.01); **D03D 41/00** (2006.01); **D21F 1/00** (2006.01); **D21F 7/10** (2006.01)

CPC (source: EP US)

**D21F 1/0054** (2013.01 - EP US)

Cited by

EP0350574A1; US5458161A; US7381306B2; US7005041B2; WO9421847A1; EP1085120A1; US6328079B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0185907 A2 19860702**; **EP 0185907 A3 19870624**; **EP 0185907 B1 19891011**; **EP 0185907 B2 19980429**; AT E47164 T1 19891015; DE 3446941 A1 19860703; DE 3573624 D1 19891116; FI 79562 B 19890929; FI 79562 C 19900110; FI 854924 A0 19851212; FI 854924 A 19860622; JP H048537 B2 19920217; JP S61194269 A 19860828; NO 855104 L 19860623; US 4985970 A 19910122; US 5117542 A 19920602

DOCDB simple family (application)

**EP 85114437 A 19851113**; AT 85114437 T 19851113; DE 3446941 A 19841221; DE 3573624 T 19851113; FI 854924 A 19851212; JP 28762185 A 19851220; NO 855104 A 19851217; US 22277188 A 19880722; US 66976091 A 19910315