

Title (en)

Method and warpknitting machine for manufacturing pile fabric

Title (de)

Verfahren und Kettenwirkmaschine zur Herstellung von Polware

Title (fr)

Procédé et métier à tricoter en chaîne pour la fabrication d'articles à poils

Publication

EP 0843035 A3 19990506 (DE)

Application

EP 97117923 A 19971016

Priority

DE 19647508 A 19961116

Abstract (en)

[origin: EP0843035A2] To produce a pile fabric on a warp knitter, using pile sinkers and a single needle bed, the yarns are drawn into the guide needles to give one charged/one empty, with every other needle used for stitching. The number of pile sinkers is half the number of needles. Right side pile yarns are used, which are gripped by the pile sinkers together with the ground yarns, to be laid round the inactive needles and then cast off. Also claimed is a warp knitter where the guide needle bars (L1-L4) carry the yarns in a pattern of one charged/one empty, and controlled so that stitches are formed by alternate needles (2). A yarn feed for the right side pile yarn (13) has a control so that it is gripped over by the pile sinkers (22), to be laid round the inactive needles (2') and then cast off. The number of pile sinkers (22) is half the number of needles (2).

IPC 1-7

D04B 21/02

IPC 8 full level

D04B 21/02 (2006.01); **D04B 23/08** (2006.01); **D04B 27/04** (2006.01); **D04B 27/10** (2006.01)

CPC (source: EP US)

D04B 21/02 (2013.01 - EP US); **D04B 23/08** (2013.01 - EP US)

Citation (search report)

- [A] EP 0627517 A1 19941207 - EURL ERTEC [FR]
- [AD] DE 4223226 A1 19940120 - WUNNER ROLAND [DE]
- [DA] DE 3827265 A1 19900215 - MAYER FA KARL [DE]
- [DA] DE 1188754 B 19650311 - MARTIN MANUF JEAN BAPTISTE, et al

Cited by

CN111593474A; EP1810604A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19647508 C1 19980416; EP 0843035 A2 19980520; EP 0843035 A3 19990506; JP 2877787 B2 19990331; JP H10140449 A 19980526; US 5894743 A 19990420

DOCDB simple family (application)

DE 19647508 A 19961116; EP 97117923 A 19971016; JP 31475497 A 19971117; US 96756897 A 19971110