

Title (en)
PROCESS FOR WEAVING SUPERIMPOSED RIBBONS WHICH ARE STITCHED TO EACH OTHER AND A LOOM OPERATING ACCORDING TO THAT PROCESS

Title (de)
VERFAHREN ZUM WEBEN VON ÜBERLAGERTEN BÄNDERN, DIE ANEINANDER GENÄHT WERDEN, UND EINE GEMÄSS DIESES VERFAHRENS OPERIERENDE WEBMASCHINE

Title (fr)
PROCÉDÉ DE TISSAGE DE RUBANS SUPERPOSÉS QUI SONT COUSUS LES UNS AUX AUTRES ET MÉTIER À TISSER FONCTIONNANT SELON LEDIT PROCÉDÉ

Publication
EP 3112510 B1 20190904 (EN)

Application
EP 16177632 A 20160701

Priority
IT UB20151813 A 20150702

Abstract (en)
[origin: EP3112510A2] A process for weaving superimposed ribbons which are stitched to each other comprises a sequence of successive cycles, in which each cycle comprises the steps of: - providing on a loom (10) a first plurality of warp threads (21) which are intended for weaving a lower ribbon (1), subdividing them between a first upper row (24) of threads and a first lower row (25) of threads so as to define between the first rows of threads a first shed (26), - providing on the loom a second plurality of warp threads (31) which are intended for weaving an upper ribbon (2), subdividing them between a second upper row (34) of threads and a second lower row (35) of threads so as to define between the second rows of threads a second shed (36), wherein the second lower row (35) of threads is positioned higher than the first upper row (24) of threads, - passing a first weft thread (23) through the first shed (26) and a second weft thread (33) through the second shed (36), - moving at least one or more of the warp threads (21) of the lower ribbon (1) between the first upper row (24) and the first lower row (25) so as to bind the first weft thread (23), - moving at least one or more of the warp threads (31) of the upper ribbon (2) between the second upper row (34) and the second lower row (35), so as to bind the second weft thread (33), - providing on the loom at least one stitching thread (17) which extends between the pluralities of warp threads (21, 31), wherein the stitching thread is moved, at the time of one or more cycles, between the second upper row (34) and the first lower row (25), and vice versa, so as to bind together the first and second weft thread (23, 33).

IPC 8 full level
D03D 15/00 (2006.01)

CPC (source: EP)
D03D 3/005 (2013.01); **D03D 11/00** (2013.01); **D03D 35/00** (2013.01); **D03D 39/16** (2013.01); **D03D 47/06** (2013.01)

Cited by
EP4111902A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3112510 A2 20170104; EP 3112510 A3 20170111; EP 3112510 B1 20190904; IT UB20151813 A1 20170102

DOCDB simple family (application)
EP 16177632 A 20160701; IT UB20151813 A 20150702