Title (en)
Method for cutting pile warp yarns and double carpet weaving loom adapted to implement such a method

Title (de)
Verfahren zum Schneiden von Polkettgarn und zur Implementierung solch eines Verfahrens angepasster Doppelteppichwebstuhl

Title (fr)
Procédé pour couper des fils de velours de chaîne et métier à tisser des tapis double pour l'application d'un tel procédé

Publication
EP 2554728 A1 20130206 (EN)

Application
EP 11306002 A 20110801

Priority
EP 11306002 A 20110801

Abstract (en)
This method is for cutting pile warp yarns (I, II, III, IV, V) in a double carpet weaving loom (2) where pile warp yarns selectively extend between an upper ground fabric (G1) and a lower ground fabric. These warp yarns are cut by a cutting device (6) including a knife carriage (64) which, in order to perform cutting operations, has translation movements (F, B) from a first side (G1 L) of a ground fabric (G1) to a second side (G1 R) of the ground fabric (G1). Each translation movement (F, B) of the knife carriage (64) takes place within a pick (P1-P9). Moreover, each translation movement (F, B) of the knife carriage (64) is controlled on a pick by pick (P1-P9) basis.

IPC 8 full level
D03D 39/18 (2006.01)

CPC (source: EP)
D03D 39/18 (2013.01)

Citation (applicant)
- EP 1122348 A1 20010808 - SCHOENHERR TEXTILMASCHINENBAU [DE]
- EP 1394301 A1 20040303 - SCHOENHERR TEXTILMASCHINENBAU [DE]

Citation (search report)
- [XI] EP 1217115 A1 20020626 - SCHOENHERR TEXTILMASCHINENBAU [DE]
- [A] DE 2544005 A1 19770407 - JEAN GUESEKEN FA
- [AD] EP 1122348 A1 20010808 - SCHOENHERR TEXTILMASCHINENBAU [DE]
- [AD] EP 1394301 A1 20040303 - SCHOENHERR TEXTILMASCHINENBAU [DE]

Cited by
CN104313770A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2554728 A1 20130206; **EP 2554728 B1 20190102**; CN 102912527 A 20130206; CN 102912527 B 20160601

DOCDB simple family (application)
EP 11306002 A 20110801; CN 201210270542 A 20120731