

Title (en)
CHAINMAILLE LAYOUT TOOL AND METHODS OF MAKING CHAINMAILLE USING A LAYOUT TOOL

Title (de)
CHAINMAILLE-LAYOUT-WERKZEUG UND VERFAHREN ZUR HERSTELLUNG VON CHAINMAILLE UNTER VERWENDUNG EINES LAYOUTWERKZEUGS

Title (fr)
OUTIL DE TRACÉ DE MAILLES MÉTALLIQUES ET PROCÉDÉS DE FABRICATION DE MAILLES MÉTALLIQUES AU MOYEN D'UN OUTIL DE TRACÉ

Publication
EP 3515631 A4 20200812 (EN)

Application
EP 17853994 A 20170922

Priority
• US 201662398346 P 20160922
• US 2017052973 W 20170922

Abstract (en)
[origin: WO2018057903A1] Layout tools for making chainmaille. The tool has a substrate with grooves, cuts, or slots formed through a top surface thereof. Each pair of cuts forms a generally v-shaped pattern along a length of the top surface. Each of the pairs of the cuts are spaced apart, have a length, and form an angle that provides a straight line path that intersects at least four of the cuts configured to receive rings to form a chainmaille. Another tool also has a substrate with grooves, cuts, or slots formed through a top surface thereof. Each cut passes through a common point. Each cut has a length corresponding to a diameter of a ring, and each of the cuts has a depth that is a function of at least the number of rings and a wire diameter of the rings.

IPC 8 full level
B21F 31/00 (2006.01); **A41D 13/04** (2006.01); **A41D 19/015** (2006.01); **A41D 31/00** (2019.01); **A44C 27/00** (2006.01); **B21L 11/00** (2006.01); **F41H 1/02** (2006.01)

CPC (source: EP US)
A41D 31/0005 (2013.01 - US); **A44C 27/00** (2013.01 - EP); **B21F 31/00** (2013.01 - EP US); **B21L 11/005** (2013.01 - EP); **F41H 1/02** (2013.01 - EP US); **F41H 5/0492** (2013.01 - EP); **A41D 31/0005** (2013.01 - EP); **A44C 5/0061** (2013.01 - EP); **A44C 11/00** (2013.01 - EP)

Citation (search report)
• [XAI] US 4287520 A 19810901 - VAN VLIET ROBERT M, et al
• [XAI] US 2007062638 A1 20070322 - CARROLL JOHN [GB]
• [XA] US 2013220486 A1 20130829 - GUGGI PETER W [AT]
• [A] US 2007042210 A1 20070222 - HORSHAM KAYNE B [NZ]
• [A] US 948615 A 19100208 - PRATT ALONZO COMSTOCK [US]
• [A] US 934952 A 19090921 - VIANO FELIX [US]
• See references of WO 2018057903A1

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)
WO 2018057903 A1 20180329; EP 3515631 A1 20190731; EP 3515631 A4 20200812; US 2020023423 A1 20200123

DOCDB simple family (application)
US 2017052973 W 20170922; EP 17853994 A 20170922; US 201716336003 A 20170922