

Title (en)  
Method of producing expanded metal elements

Title (de)  
Verfahren zur Herstellung von Streckgitterelementen

Title (fr)  
Procédé de fabrication d'éléments de métal déployé

Publication  
**EP 1537923 A1 20050608 (DE)**

Application  
**EP 04027161 A 20041116**

Priority  
DE 10357732 A 20031206

Abstract (en)  
The metal mesh elements are fabricated from plates or bands, which are fabricated by offset cuts, without loss of material and simultaneous stretch forming, to create a mesh structure. Advance of the bands or plates is varied to vary the width of the webs. Each row of mesh is given its own form stability by varying the advance. The element has part surfaces, each of which is defined by contacting mesh rows and each has its own form stability.

Abstract (de)  
Die Erfindung betrifft ein Verfahren zur Herstellung von Streckgitterelementen. Erfindungsgemäß wird die Aufgabe bei einem Verfahren zur Herstellung von Streckgitterelementen dadurch gelöst, dass der Vorschub des Materials (2), aus dem das Streckgitter hergestellt wird, entsprechend den statischen Eigenschaften des fertigen Streckgitterelements variiert wird.

IPC 1-7  
**B21D 31/04**

IPC 8 full level  
**B21D 31/04** (2006.01)

CPC (source: EP)  
**B21D 31/043** (2013.01)

Citation (search report)

- [X] US 3308597 A 19670314 - SIMONTON ROBERT D
- [A] EP 0941781 A2 19990915 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] US 4297154 A 19811027 - KELLER ROBERT N
- [A] EP 1160026 A2 20011205 - ROETTGER WILHELM [DE]

Cited by  
KR100706375B1; EP3482844A1; EP2437628A4; US2021154724A1; US11813654B2; US8034510B2; WO2008082093A1; WO2007091718A1; WO2008050215A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1537923 A1 20050608**; DE 10357732 A1 20050728; DE 10357732 B4 20120119

DOCDB simple family (application)  
**EP 04027161 A 20041116**; DE 10357732 A 20031206