

Title (en)
method for continuous production of metal wires

Title (de)
Verfahren zur kontinuierlichen Herstellung von Metalldrähten

Title (fr)
Procédé de production en continu de fils métalliques

Publication
EP 1393828 A3 20040616 (DE)

Application
EP 03291771 A 20030717

Priority
DE 10237027 A 20020813

Abstract (en)
[origin: EP1393828A2] The wire manufacturing method involves reducing the cross-section of a round wire (4) in one or more stages. The metal wire is shaped to form a flat wire (5) in a laterally open gauge at least during the final stage. The wire is re-shaped into a flat wire without a significant decreases in its cross-section. The metal wire is formed into a flat wire with a maximum ratio of thickness to width of a 1 : 5. AN Independent claim is also included for the following: (a) an arrangement for implementing the inventive method.

IPC 1-7
B21C 1/00; **B21C 3/04**; **B21C 37/04**; **B21C 3/06**

IPC 8 full level
B21C 1/00 (2006.01); **B21C 3/04** (2006.01); **B21C 3/06** (2006.01); **B21C 37/04** (2006.01)

CPC (source: EP US)
B21C 1/00 (2013.01 - EP US); **B21C 3/04** (2013.01 - EP US); **B21C 37/045** (2013.01 - EP US)

Citation (search report)
• [XA] US 2146788 A 19390214 - HARRY BLOUNT
• [A] US 3811311 A 19740521 - BARONE A, et al
• [X] RU 2040987 C1 19950809 - AKTSIONERNOE OBSHCHESTVO OTKRY [SU]
• [A] PATENT ABSTRACTS OF JAPAN vol. 0130, no. 28 (M - 788) 23 January 1989 (1989-01-23)

Cited by
CN105499267A; CN111330991A; RU2470729C1

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

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 03291771 A 20030717; AT 03291771 T 20030717; CA 2436755 A 20030807; DE 10336988 A 20030812; DE 50300695 T 20030717; US 63853003 A 20030812