

Title (en)
DEFORMED METAL COMPOSITE WIRE

Title (de)
VERFORMTER METALLVERBUNDDRAHT

Title (fr)
FIL METALLIQUE COMPOSITE DEFORME

Publication
EP 1250198 A1 20021023 (EN)

Application
EP 00987445 A 20001222

Priority
• EP 00987445 A 20001222
• EP 0013208 W 20001222
• EP 00200186 A 20000119

Abstract (en)
[origin: EP1118397A1] A deformed metal composite wire (14) comprises a matrix (12) of a first metal having a first melting point. The composite wire also comprises two or more filaments (10) of a second or further metal embedded in the matrix (12) and surrounded by the matrix (12). The second or further metal has a melting point which is higher or equal to the first melting point. The wire (14) is in a deformed state so that the two or more filaments (10) have a non-circular filament cross-section. <IMAGE>

IPC 1-7
B21C 37/04; **B23H 7/08**

IPC 8 full level
B21C 37/04 (2006.01); **B23H 7/08** (2006.01)

CPC (source: EP US)
B21C 37/042 (2013.01 - EP US); **B21C 37/045** (2013.01 - EP US); **B21C 37/047** (2013.01 - EP US); **D07B 1/147** (2013.01 - EP); **D07B 5/007** (2013.01 - EP); **D07B 2201/2014** (2013.01 - EP US); **D07B 2201/2019** (2013.01 - EP); **D07B 2201/2043** (2013.01 - EP); **D07B 2201/2046** (2013.01 - EP); **D07B 2201/2059** (2013.01 - EP); **D07B 2201/2065** (2013.01 - EP); **D07B 2201/2066** (2013.01 - EP); **D07B 2205/305** (2013.01 - EP); **D07B 2205/3053** (2013.01 - EP); **D07B 2205/306** (2013.01 - EP); **D07B 2205/3067** (2013.01 - EP); **D07B 2205/3071** (2013.01 - EP); **Y10T 428/12493** (2015.01 - EP US); **Y10T 428/12736** (2015.01 - EP US); **Y10T 428/12792** (2015.01 - EP US)

C-Set (source: EP)
1. **D07B 2201/2059** + **D07B 2801/12**
2. **D07B 2201/2065** + **D07B 2801/12**
3. **D07B 2201/2066** + **D07B 2801/12**
4. **D07B 2205/306** + **D07B 2801/14**
5. **D07B 2205/3067** + **D07B 2801/14**
6. **D07B 2205/305** + **D07B 2801/14**
7. **D07B 2205/3053** + **D07B 2801/10**
8. **D07B 2205/3071** + **D07B 2801/16** + **D07B 2801/18**

Citation (search report)
See references of WO 0153014A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1118397 A1 20010725; AT E271428 T1 20040815; AU 2368901 A 20010731; DE 60012369 D1 20040826; DE 60012369 T2 20050825; EP 1250198 A1 20021023; EP 1250198 B1 20040721; US 2003131913 A1 20030717; WO 0153014 A1 20010726

DOCDB simple family (application)
EP 00200186 A 20000119; AT 00987445 T 20001222; AU 2368901 A 20001222; DE 60012369 T 20001222; EP 0013208 W 20001222; EP 00987445 A 20001222; US 18129002 A 20021016