

Title (en)

Multi-filament with drawn steel core and annealed copper layer

Title (de)

Multifilament mit gezogenem Stahlkern und geglähter Kupferschicht

Title (fr)

Multi-filaments avec âme d'acier étirée et couche de cuivre recuite

Publication

**EP 2436807 A1 20120404 (EN)**

Application

**EP 10011924 A 20100930**

Priority

EP 10011924 A 20100930

Abstract (en)

The present invention relates to a multi-filament product (10). The multi-filament product (10) comprises filaments (16) a having copper alloy layer (14) with annealed microstructure and a steel alloy core (12) with drawn microstructure. Furthermore, the filaments (16) in the multi-filament product (10) are coated with an electrical isolation coating (46). The present invention also relates to the use of the multi-filament product as heating element. The multi-filament product presents good conductivity, durability and strength.

IPC 8 full level

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C-Set (source: EP)

1. **D07B 2205/3025** + **D07B 2801/10**
2. **D07B 2205/3067** + **D07B 2801/18**

Citation (applicant)

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