

Title (en)
Metal coating of graphite

Title (de)
Metallbeschichtung von Graphit

Title (fr)
Procédé pour la métallisation de graphite

Publication
EP 1260615 B1 20030319 (DE)

Application
EP 01111708 A 20010514

Priority
EP 01111708 A 20010514

Abstract (en)
[origin: EP1260615A1] Applying a metal coating comprises applying a galvanic metal coating to graphite components after they have been subjected to an alkaline anodic caustic bath. An Independent claim is also included for a process for the production of a solder joint with a graphite component. Preferred Features: A lead layer is formed on the graphite components before the metal coating is applied. The lead layer is reinforced by the current-less deposition of nickel or copper. The caustic bath has a temperature of 20-70 degrees C.

IPC 1-7
C25D 5/54; **C23C 18/18**

IPC 8 full level
C23C 18/18 (2006.01); **C25D 5/54** (2006.01)

CPC (source: EP US)
C23C 18/1879 (2013.01 - EP US); **C23C 18/1896** (2013.01 - EP US); **C25D 5/54** (2013.01 - EP US)

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 1260615 A1 20021127; **EP 1260615 B1 20030319**; AT E234950 T1 20030415; DE 50100123 D1 20030424; SI 1260615 T1 20031231; US 2004094424 A1 20040520; WO 02092884 A1 20021121

DOCDB simple family (application)
EP 01111708 A 20010514; AT 01111708 T 20010514; DE 50100123 T 20010514; EP 0203116 W 20020320; SI 200130012 T 20010514; US 71245803 A 20031113