

Title (en)
ARTICLE FEEDING AND DISCHARGING DEVICE

Title (de)
ZUFÜHR- UND AUSTRAGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ALIMENTATION D'ARTICLES ET DE DISTRIBUTION

Publication
EP 1197448 A9 20020904 (EN)

Application
EP 01906357 A 20010227

Priority
• JP 0101469 W 20010227
• JP 2000051525 A 20000228

Abstract (en)
[origin: EP1197448A1] There is provided a method of creating a carbon to metal connection (16) by placing a portion of a carbon material (12) onto a metal material (14) at a location where a thermal or electrical contact is desired and then joining the carbon material (12) and metal material (14), thereby creating a uniform bond therebetween. Also provided by the present invention is a carbon material (12) having multiple sides and a metal material (14) joined to the carbon material (12) whereby the connection (16) is made by placing a portion of the carbon material (12) onto the metal material (14) at the location for the desired connection (16) and joining the carbon material (12) and metal material (14) thereby creating a uniform bond between the carbon material (12) and metal material (14) for use in a dual graphite energy storage cell or battery. <IMAGE>

IPC 1-7
B65G 65/40

IPC 8 full level
C04B 37/02 (2006.01); **G01G 13/18** (2006.01); **H01M 2/26** (2006.01); **H01M 4/02** (2006.01); **H01M 4/58** (2006.01); **H01M 4/74** (2006.01); **H01M 10/40** (2006.01)

CPC (source: EP US)
B32B 18/00 (2013.01 - EP US); **C04B 37/021** (2013.01 - EP US); **C04B 37/026** (2013.01 - EP US); **G01G 13/18** (2013.01 - EP US); **H01M 4/661** (2013.01 - EP US); **H01M 4/667** (2013.01 - EP US); **B32B 2311/06** (2013.01 - EP US); **B32B 2311/08** (2013.01 - EP US); **B32B 2311/09** (2013.01 - EP US); **B32B 2311/12** (2013.01 - EP US); **B32B 2311/14** (2013.01 - EP US); **B32B 2311/16** (2013.01 - EP US); **B32B 2311/18** (2013.01 - EP US); **B32B 2311/20** (2013.01 - EP US); **B32B 2311/22** (2013.01 - EP US); **B32B 2311/24** (2013.01 - EP US); **B32B 2311/30** (2013.01 - EP US); **C04B 2235/658** (2013.01 - EP US); **C04B 2235/667** (2013.01 - EP US); **C04B 2237/086** (2013.01 - EP US); **C04B 2237/122** (2013.01 - EP US); **C04B 2237/124** (2013.01 - EP US); **C04B 2237/127** (2013.01 - EP US); **C04B 2237/363** (2013.01 - EP US); **C04B 2237/385** (2013.01 - EP US); **C04B 2237/40** (2013.01 - EP US); **C04B 2237/402** (2013.01 - EP US); **C04B 2237/403** (2013.01 - EP US); **C04B 2237/404** (2013.01 - EP US); **C04B 2237/405** (2013.01 - EP US); **C04B 2237/406** (2013.01 - EP US); **C04B 2237/407** (2013.01 - EP US); **C04B 2237/408** (2013.01 - EP US); **C04B 2237/52** (2013.01 - EP US); **C04B 2237/60** (2013.01 - EP US); **C04B 2237/706** (2013.01 - EP US); **H01M 4/74** (2013.01 - EP US); **H01M 10/052** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 0162637A1

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 1197448 A1 20020417; **EP 1197448 A9 20020904**; US 2002158080 A1 20021031; US 6622894 B2 20030923; WO 0162637 A1 20010830

DOCDB simple family (application)
EP 01906357 A 20010227; JP 0101469 W 20010227; US 95879601 A 20011015