

Title (en)  
Electrode support arm for electric arc furnaces and method for its production

Title (de)  
Elektrodentragarm für Lichtbogenöfen und Verfahren zu seiner Herstellung

Title (fr)  
Bras de support d'électrodes pour fours à arc et son procédé de fabrication

Publication  
**EP 2381200 A3 20120229 (DE)**

Application  
**EP 11156703 A 20110303**

Priority  
• DE 102010018372 A 20100426  
• DE 102010026408 A 20100707

Abstract (en)  
[origin: EP2381200A2] The electrode support arm (1,2,3) is formed as a box-shaped, steel hollow profile (4,5,6) with an electrode retainer (10,11,12) arranged at its front end. The steel hollow profile comprises an outer side wall area made of copper in some areas as high conductive current-carrying material. The wall area is applied on the steel hollow profile as galvanic copper sheathing (7,8,9). An independent claim is also included for a method for manufacturing an electrode support arm.

IPC 8 full level  
**F27D 11/10** (2006.01)

CPC (source: EP)  
**F27D 11/10** (2013.01); **H05B 7/10** (2013.01)

Citation (search report)  
[I] EP 0184140 A2 19860611 - FUCHS SYSTEMTECHNIK GMBH [DE]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2381200 A2 20111026; EP 2381200 A3 20120229; EP 2381200 B1 20170816**; DE 102010026408 A1 20111027

DOCDB simple family (application)  
**EP 11156703 A 20110303**; DE 102010026408 A 20100707