

Title (en)

ELECTRODE CARRIER ARM WITH LOCALLY FASTENED CURRENT CONDUCTOR

Title (de)

ELEKTRODENTRAGARM MIT LOKAL BEFESTIGTEM STROMLEITER

Title (fr)

BRAS DE SUPPORT D'ÉLECTRODE AVEC CONDUCTEUR DE COURANT FIXÉ LOCALEMENT

Publication

**EP 2301304 A1 20110330 (DE)**

Application

**EP 10736632 A 20100722**

Priority

- EP 2010004507 W 20100722
- DE 102009034407 A 20090723

Abstract (en)

[origin: WO2011009622A1] The invention relates to an electrode carrier arm, an electrically conductive layer (100) being formed on at least one outer side of the electrode carrier arm (4), wherein the electrically conductive layer is a sheet metal made of a first material with an electrical conductivity of  $\approx 30 \cdot 10^6$  S/m and a heat conductivity of  $\approx 200$  W/(m·K), fastened via a plurality of connecting regions (110, 120) on the outside of the electrode carrier arm and in thermally conductive contact with the electrode carrier arm.

IPC 8 full level

**H05B 7/101** (2006.01); **H05B 7/11** (2006.01)

CPC (source: EP)

**H05B 7/101** (2013.01); **H05B 7/11** (2013.01)

Citation (search report)

See references of WO 2011009622A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**WO 2011009622 A1 20110127**; DE 102009034407 A1 20110203; EP 2301304 A1 20110330

DOCDB simple family (application)

**EP 2010004507 W 20100722**; DE 102009034407 A 20090723; EP 10736632 A 20100722