

Title (en)  
COMPOSITE MATERIALS AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
KOMPOSITMATERIALIEN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)  
MATÉRIAUX COMPOSITES ET LEUR PROCÉDÉ DE FABRICATION

Publication  
**EP 2865033 A1 20150429 (DE)**

Application  
**EP 13809585 A 20130617**

Priority  
• EP 12173568 A 20120626  
• IB 2013054939 W 20130617  
• EP 13809585 A 20130617

Abstract (en)  
[origin: WO2014001949A1] The invention relates to a method for producing a composite material, which contains a) at least one (semi)metal-containing phase and b) at least one organic polymer phase, comprising the copolymerization of at least one aryloxy (semi)metallate and/or aryloxy ester of a non-metal that forms oxoacids, wherein the non-metal is not carbon or nitrogen, (compound I), with at least one ketone, formaldehyde, and/or formaldehyde equivalent (compound II) in the presence of at least one (semi)metal compound that is not an aryloxy (semi)metallate, (compound III), wherein the weight of (semi)metal of compound III is at least 5 wt% in relation to the weight of compound I.

IPC 8 full level  
**H01M 4/36** (2006.01); **H01M 4/00** (2006.01); **H01M 4/04** (2006.01)

CPC (source: CN EP KR)  
**H01M 4/137** (2013.01 - CN EP KR); **H01M 4/602** (2013.01 - CN EP KR); **H01M 10/0525** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP KR)

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)  
**WO 2014001949 A1 20140103**; CN 104412422 A 20150311; EP 2865033 A1 20150429; EP 2865033 A4 20160427; JP 2015522681 A 20150806; KR 20150032308 A 20150325

DOCDB simple family (application)  
**IB 2013054939 W 20130617**; CN 201380034016 A 20130617; EP 13809585 A 20130617; JP 2015519401 A 20130617; KR 20157001719 A 20130617