

Title (en)
A CARBON PRECURSOR COMPOSITION

Title (de)
CARBONVORLÄUFERZUSAMMENSETZUNG

Title (fr)
COMPOSITION PRÉCURSEUR DE CARBONE

Publication
EP 2861653 A1 20150422 (EN)

Application
EP 13726956 A 20130517

Priority
• US 201261660417 P 20120615
• US 2013041567 W 20130517

Abstract (en)
[origin: WO2013188052A1] A liquid carbon precursor composition including (a) at least one aromatic epoxy resin; and (b)(i) at least one aromatic co-reactive curing agent or (b)(ii) at least one catalytic curing agent, or (b)(iii) a mixture thereof; wherein the liquid composition prior to adding optional components and curing, has a neat viscosity of less than 10,000 mPa-s, at 25 °C; and wherein the liquid precursor composition has a neat viscosity of less than 10,000 mPa-s at 25 °C prior to adding optional components, prior to curing, and prior to carbonizing; and wherein the liquid precursor composition being cured has a carbon yield of at least 35 weight percent as measured in the absence of optional components; a cured liquid carbon precursor composition; a carbonized material made from the above liquid carbon precursor composition; and processes for producing the above compositions.

IPC 8 full level
C08J 3/00 (2006.01); **C04B 35/524** (2006.01); **C04B 35/83** (2006.01); **C08L 63/00** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2013188052A1

Citation (examination)
WO 2011068858 A1 20110609 - DOW GLOBAL TECHNOLOGIES LLC [US], et al

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