

Title (en)
MILLED CARBON FIBER

Title (de)
GEMAHLENE KOHLENSTOFFFASERN

Title (fr)
FIBRE DE CARBONE BROYÉE

Publication
EP 2850123 A1 20150325 (EN)

Application
EP 13790250 A 20130514

Priority
• US 201213471993 A 20120515
• US 2013040946 W 20130514

Abstract (en)
[origin: US2013309491A1] A milled carbon fiber is made of a carbon fiber, which is coated with a sizing at an amount X between 0.05 and 0.30 weight %. The sizing is formed of a heat resistant polymer or a precursor of the heat resistant polymer. The amount X of the sizing is expressed with a following formula: $X = \frac{w_0 - w_1}{w_0} \times 100$ where W0 is the weight of the carbon fiber with the sizing, and W1 is the weight of the carbon fiber without the sizing.

IPC 8 full level
C08J 5/06 (2006.01); **D01F 9/12** (2006.01); **D01F 11/14** (2006.01)

CPC (source: EP US)
D06M 15/41 (2013.01 - EP US); **D06M 15/423** (2013.01 - EP US); **D06M 15/564** (2013.01 - EP US); **D06M 15/59** (2013.01 - EP US); **D06M 15/63** (2013.01 - EP US); **D06M 2101/40** (2013.01 - EP US); **Y10T 428/2918** (2015.01 - EP US)

Citation (search report)
See references of WO 2013173335A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2013309491 A1 20131121; EP 2850123 A1 20150325; WO 2013173335 A1 20131121

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