

Title (en)  
INSULATING MATERIAL FOR ROTATING MACHINES

Title (de)  
ISOLIERSTOFF FÜR ROTIERENDE MASCHINEN

Title (fr)  
MATÉRIAU ISOLANT POUR MACHINES ROTATIVES

Publication  
**EP 2807654 A1 20141203 (DE)**

Application  
**EP 13713811 A 20130322**

Priority  
• DE 102012205650 A 20120405  
• EP 2013056017 W 20130322

Abstract (en)  
[origin: WO2013149850A1] The invention relates to an insulating material and to the use of the insulating material for rotating machines such as motors and generators. The invention discloses for the first time an insulating material with a filler that is not based only on a monomodal nanoparticle size distribution. This is highly conducive to the formation of in situ protective layers on the body to be insulated.

IPC 8 full level  
**H01B 3/40** (2006.01); **B82Y 30/00** (2011.01)

CPC (source: EP US)  
**B82Y 30/00** (2013.01 - EP US); **C08K 3/22** (2013.01 - US); **C08K 3/36** (2013.01 - US); **H01B 3/40** (2013.01 - EP US); **H02K 3/30** (2013.01 - US); **H02K 15/12** (2013.01 - US); **C08K 2003/2227** (2013.01 - US)

Citation (search report)  
See references of WO 2013149850A1

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

DOCDB simple family (publication)  
**DE 102012205650 A1 20131010**; CN 104185876 A 20141203; CN 104185876 B 20171003; EP 2807654 A1 20141203; JP 2015518242 A 20150625; JP 5940210 B2 20160629; KR 20150003791 A 20150109; US 2015093499 A1 20150402; US 9771464 B2 20170926; WO 2013149850 A1 20131010

DOCDB simple family (application)  
**DE 102012205650 A 20120405**; CN 201380017741 A 20130322; EP 13713811 A 20130322; EP 2013056017 W 20130322; JP 2015503814 A 20130322; KR 20147031054 A 20130322; US 201314390820 A 20130322