

Title (en)  
COMPOSITE POLYAMIDE ARTICLE

Title (de)  
POLYAMID-VERBUNDARTIKEL

Title (fr)  
ARTICLE POLYAMIDE COMPOSITE

Publication  
**EP 2451864 A1 20120516 (FR)**

Application  
**EP 10730427 A 20100630**

Priority  
• EP 2010059281 W 20100630  
• FR 0954771 A 20090709

Abstract (en)  
[origin: WO2011003787A1] The present invention relates to the use of polyamide modified by hydroxyaromatic compounds employed in the impregnation of reinforcing materials taking the form of cloth of industrial fabrics for the manufacture of composite materials. The field of the invention is that of composite materials and of their manufacturing processes. The invention also relates to a process for the manufacture of a composite article comprising at least: a) a stage of impregnation of a reinforcing cloth with a polyamide composition in the molten state, said polyamide comprises hydroxyaromatic units chemically bonded to the polyamide chain; b) a stage of cooling and subsequently recovering the composite article.

IPC 8 full level  
**C08G 69/48** (2006.01); **B29B 11/16** (2006.01); **B29C 70/52** (2006.01); **C08G 69/26** (2006.01); **C08G 69/46** (2006.01); **C08J 5/04** (2006.01)

CPC (source: EP KR US)  
**B29B 11/16** (2013.01 - KR); **B29C 70/22** (2013.01 - EP US); **B29C 70/465** (2013.01 - EP US); **B29C 70/48** (2013.01 - EP US); **B29C 70/52** (2013.01 - EP KR US); **C08G 69/265** (2013.01 - EP US); **C08G 69/48** (2013.01 - EP KR US); **C08J 5/04** (2013.01 - EP KR US); **C08L 77/00** (2013.01 - EP US); **C08L 77/06** (2013.01 - EP US); **B29K 2077/00** (2013.01 - EP US); **B29K 2277/10** (2013.01 - EP US); **B29K 2711/00** (2013.01 - EP US); **C08J 2377/00** (2013.01 - EP US); **Y10T 442/20** (2015.04 - EP US)

Citation (search report)  
See references of WO 2011003787A1

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

DOCDB simple family (publication)  
**WO 2011003787 A1 20110113**; BR 112012000314 A2 20190924; CN 102498153 A 20120613; EP 2451864 A1 20120516; FR 2947823 A1 20110114; FR 2947823 B1 20121228; JP 2012532938 A 20121220; KR 20120026614 A 20120319; US 2012238164 A1 20120920

DOCDB simple family (application)  
**EP 2010059281 W 20100630**; BR 112012000314 A 20100630; CN 201080040516 A 20100630; EP 10730427 A 20100630; FR 0954771 A 20090709; JP 2012518897 A 20100630; KR 20127000657 A 20100630; US 201013383088 A 20100630