

Title (en)  
POLYMERIC EPOXY RESIN COMPOSITION

Title (de)  
POLYMERE EPOXIDHARZ-ZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE RESINE EPOXY POLYMERE

Publication  
**EP 1601706 A1 20051207 (DE)**

Application  
**EP 04714274 A 20040225**

Priority  

- EP 2004001871 W 20040225
- EP 03005538 A 20030311
- EP 03005377 A 20030312
- EP 04714274 A 20040225

Abstract (en)  
[origin: EP1457509A1] Polymeric compositions (I) based on (a) epoxy resin(s) and (b) copolymer(s) with a glass transition point (T<sub>g</sub>) of -20[deg]C or lower with groups which react with epoxides, also contain (c) nano-particles with an average particle size (d-max) of 5-150 nm as measured by small angle neutron scattering (SANS). Independent claims are also included for adhesives, composites, coatings and casting compounds containing (I).

IPC 1-7  
**C08G 59/00**; **C08L 63/00**; **C08K 3/00**

IPC 8 full level  
**C08G 59/00** (2006.01); **C08G 59/18** (2006.01); **C08G 59/40** (2006.01); **C08G 59/58** (2006.01); **C08J 5/00** (2006.01); **C08K 3/00** (2006.01); **C08L 63/00** (2006.01); **H05K 1/03** (2006.01); **C08K 3/36** (2006.01)

CPC (source: EP US)  
**B82Y 30/00** (2013.01 - EP US); **C08G 59/186** (2013.01 - EP US); **C08G 59/4021** (2013.01 - EP US); **C08G 59/58** (2013.01 - EP US); **C08J 5/005** (2013.01 - EP US); **H05K 1/0373** (2013.01 - EP US); **C08J 2363/00** (2013.01 - EP US); **C08K 3/36** (2013.01 - EP US); **H05K 2201/0209** (2013.01 - EP US); **H05K 2201/0257** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004081076A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
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