

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_g) 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)
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