

Title (en)
EPOXY SILOXANE COATING COMPOSITIONS

Title (de)
EPOXIDSILOXANBESCHICHTUNGSZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS DE REVÊTEMENT ÉPOXYSILOXANE

Publication
EP 2970708 A1 20160120 (EN)

Application
EP 14714032 A 20140306

Priority
• US 201313795223 A 20130312
• US 2014021191 W 20140306

Abstract (en)
[origin: WO2014164202A1] Epoxy-polysiloxane based coating and flooring compositions exhibiting improved flexibility, and excellent weatherability and corrosion resistance after curing are described. The epoxy-polysiloxane polymer coating composition may be prepared by combining a polysiloxane, an epoxide resin material and a cure system including a blend of compounds selected from a dialkoxy functional aminosilane, a trialkoxy functional aminosilane, and an amino functional polysiloxane resin, where the blend has an average alkoxy functionality value of 2.0 to 2.8.

IPC 8 full level
C09D 163/00 (2006.01); **C09D 183/04** (2006.01)

CPC (source: EP RU US)
C08G 59/38 (2013.01 - EP RU); **C08G 59/4085** (2013.01 - EP RU); **C08G 77/16** (2013.01 - EP); **C08G 77/18** (2013.01 - EP RU); **C08G 77/26** (2013.01 - EP RU); **C08K 3/105** (2017.12 - EP); **C08K 3/32** (2013.01 - EP); **C08K 5/544** (2013.01 - RU); **C08K 5/57** (2013.01 - RU); **C08L 83/04** (2013.01 - EP); **C08L 83/06** (2013.01 - EP); **C09D 163/00** (2013.01 - RU); **C09D 183/04** (2013.01 - EP RU US); **C08K 5/544** (2013.01 - EP US); **C08K 5/57** (2013.01 - EP); **C08K 2003/321** (2013.01 - EP)

Citation (search report)
See references of WO 2014164202A1

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WO 2014164202 A1 20141009; AU 2014249543 A1 20150813; AU 2014249543 B2 20160825; BR 112015019199 A2 20170718; CA 2900276 A1 20141009; CN 105073919 A 20151118; CN 105073919 B 20170929; EP 2970708 A1 20160120; HK 1211312 A1 20160520; JP 2016516841 A 20160609; JP 6204508 B2 20170927; KR 101811113 B1 20180125; KR 20150119163 A 20151023; MX 2015011234 A 20151116; MY 172169 A 20191115; RU 2015143198 A 20170417; RU 2619319 C2 20170515; SA 515361049 B1 20180604; SG 11201505807W A 20150828

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