

Title (en)
REACTION RESIN COMPOSITION AND ITS USE

Title (de)
REAKTIONSHARZ-ZUSAMMENSETZUNG UND DEREN VERWENDUNG

Title (fr)
COMPOSITION DE RÉSINE RÉACTIVE ET SON UTILISATION

Publication
EP 3019535 A1 20160518 (DE)

Application
EP 14736840 A 20140709

Priority
• EP 13175672 A 20130709
• EP 2014064676 W 20140709
• EP 14736840 A 20140709

Abstract (en)
[origin: CA2916830A1] A reaction resin composition having a resin component which contains a radically polymerizable compound and having an initiator system which comprises a copper(II) salt and at least one nitrogen-containing ligand, the copper(II) salt and the reducing agent being separated from each other in a reaction-inhibiting manner, and the use thereof for construction purposes are described.

IPC 8 full level
C08F 4/40 (2006.01); **C04B 40/06** (2006.01)

CPC (source: EP US)
C04B 40/0666 (2013.01 - EP US); **C08F 4/40** (2013.01 - EP US); **C08F 122/1006** (2020.02 - US); **C08K 3/013** (2017.12 - EP US)

Citation (search report)
See references of WO 2015004171A1

Citation (examination)
• SUN YAN ET AL: "CuSO₄-catalyzed self-initiated radical polymerization of 2-(N,N-dimethylamino) ethyl methacrylate as an intrinsically reducing inimer", CHINESE JOURNAL OF POLYMER SCIENCE, ZHONGGUO HUAXUEHUI, CN, vol. 31, no. 8, 29 June 2013 (2013-06-29), pages 1161 - 1172, XP035348519, ISSN: 0256-7679, [retrieved on 20130629], DOI: 10.1007/S10118-013-1317-5
• "HOUBEN-WEYL", 1 January 1987, article H. LOGEMANN: "Polymerisation durch radikalische initiierung", pages: 52, XP055516778

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2824117 A1 20150114; AU 2014289287 A1 20160121; CA 2916830 A1 20150115; CN 105358585 A 20160224; EP 3019535 A1 20160518; JP 2016525162 A 20160822; JP 6391688 B2 20180919; RU 2016103948 A 20170814; RU 2016103948 A3 20180426; US 2016168286 A1 20160616; WO 2015004171 A1 20150115

DOCDB simple family (application)
EP 13175672 A 20130709; AU 2014289287 A 20140709; CA 2916830 A 20140709; CN 201480038837 A 20140709; EP 14736840 A 20140709; EP 2014064676 W 20140709; JP 2016524805 A 20140709; RU 2016103948 A 20140709; US 201414904297 A 20140709