

Title (en)  
CARBOXYFUNCTIONAL POLYETHER BASED REACTION PRODUCTS AND AQUEOUS BASE PAINTS CONTAINING THE REACTION PRODUCTS

Title (de)  
CARBOXYFUNKTIONELLE POLYETHER-BASIERTE REAKTIONSPRODUKTE UND WÄSSRIGE BASISLACKE ENTHALTEND DIE REAKTIONSPRODUKTE

Title (fr)  
PRODUITS DE REACTION A BASE DE POLYETHER A FONCTION CARBOXY ET APPRET EN BASE AQUEUSE CONTENANT LES PRODUITS DE REACTION

Publication  
**EP 3387040 A1 20181017 (DE)**

Application  
**EP 16805067 A 20161130**

Priority  
• EP 15198679 A 20151209  
• EP 2016079192 W 20161130

Abstract (en)  
[origin: CA3006340A1] The present invention relates to a pigmented aqueous base paint containing a polyether-based reaction product which can be produced by reacting (a) at least one cyclic carboxylic acid anhydride containing a free carboxylic acid group and/or the halide of a carboxylic acid group with b) at least one polyether of general structural formula (I), wherein R is a C3 to C6 alkylene radical and n is selected accordingly in such a way that the polyether (b) has a number-average molecular weight of 800 to 4000 g/mol, wherein components (a) and (b) are used in a molar ratio of 0.7/2.3 to 1.6/1.7 in the reaction and the resulting reaction product has an acid number of 10 to 50 mg KOH/g.

IPC 8 full level  
**C08G 63/668** (2006.01); **C08J 7/043** (2020.01); **C08J 7/046** (2020.01); **C09D 151/08** (2006.01)

CPC (source: EP KR RU US)  
**B32B 27/00** (2013.01 - EP US); **B32B 27/06** (2013.01 - KR RU); **C08G 63/12** (2013.01 - RU); **C08G 63/123** (2013.01 - KR RU); **C08G 63/668** (2013.01 - EP KR RU US); **C08J 7/04** (2013.01 - RU); **C08J 7/042** (2013.01 - EP KR); **C08J 7/043** (2020.01 - EP KR US); **C08J 7/046** (2020.01 - EP KR US); **C08L 51/08** (2013.01 - KR); **C08L 61/28** (2013.01 - KR); **C08L 67/02** (2013.01 - KR); **C09D 5/08** (2013.01 - KR RU); **C09D 151/08** (2013.01 - EP KR US); **C09D 167/00** (2013.01 - RU); **C09D 167/025** (2013.01 - KR); **C09D 175/04** (2013.01 - KR); **C09D 179/04** (2013.01 - KR); **C08J 2351/08** (2013.01 - EP KR)

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DOCDB simple family (publication)  
**EP 3178864 A1 20170614; EP 3178864 B1 20180912**; BR 112018011608 A2 20181127; BR 112018011608 B1 20220809; CA 3006340 A1 20170615; CA 3006340 C 20200714; CN 108368245 A 20180803; CN 108368245 B 20231020; EP 3387040 A1 20181017; ES 2701844 T3 20190226; JP 2019505613 A 20190228; JP 6710760 B2 20200617; KR 102158665 B1 20200922; KR 20180090345 A 20180810; MX 2018007028 A 20180801; PL 3178864 T3 20190531; RU 2707886 C1 20191202; US 10889090 B2 20210112; US 11866563 B2 20240109; US 2018362799 A1 20181220; US 2021031496 A1 20210204; WO 2017097642 A1 20170615

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