

Title (en)
NOVEL NAPHTHOL AS-PIGMENTS

Title (de)
NEUE NAPHTHOL AS-PIGMENTE

Title (fr)
NOUVEAUX PIGMENTS DE NAPHTOL AS

Publication
EP 3313947 A1 20180502 (DE)

Application
EP 16726858 A 20160531

Priority
• DE 102015211827 A 20150625
• EP 2016062290 W 20160531

Abstract (en)
[origin: WO2016206925A1] The invention relates to naphthol AS-pigments of formula (I), wherein R1 represents methyl or C3-C8-alkyl; R2 represents hydrogen or C1-C4-alkyl; Y represents C1-C4-alkyl or C1-C4-alkoxy; and Z' represents hydrogen, phenyl, naphthyl, or substituted phenyl or substituted naphthyl, wherein the number of substituents can be 1, 2, 3 or 4 and are selected from the group consisting of halogen, nitro, cyano, C1-C4-alkoxycarbonyl, carbamoyl, C1-C4-alkylcarbamoyl, di(C1-C4)-alkylcarbamoyl, phenylcarbamoyl, sulfamoyl, phenylsulfannoyl, C1-C4-alkylsulfamoyl, di(C1-C4)-alkylsulfamoyl, C1-C4-acylamino, C1-C4-alkyl and C1-C4-alkoxy.

IPC 8 full level
C09D 11/322 (2014.01); **C08K 5/23** (2006.01); **C09B 29/01** (2006.01); **C09B 29/18** (2006.01); **G03F 7/00** (2006.01); **G03G 9/09** (2006.01)

CPC (source: CN EP US)
C08K 5/0041 (2013.01 - CN); **C08K 5/23** (2013.01 - CN EP US); **C09B 29/0003** (2013.01 - CN EP US); **C09B 29/0018** (2013.01 - US); **C09B 29/18** (2013.01 - CN EP US); **C09D 11/037** (2013.01 - CN EP US); **C09D 11/322** (2013.01 - CN EP US); **G03F 7/0007** (2013.01 - CN EP US); **G03F 7/105** (2013.01 - CN); **G03G 9/091** (2013.01 - CN EP US); **C08K 5/0041** (2013.01 - EP US); **G03F 7/105** (2013.01 - EP US)

Citation (search report)
See references of WO 2016206925A1

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)
DE 102015211827 A1 20161229; CN 107667148 A 20180206; CN 107667148 B 20210907; EP 3313947 A1 20180502; JP 2018528278 A 20180927; JP 6854782 B2 20210407; US 10752779 B2 20200825; US 2018179387 A1 20180628; WO 2016206925 A1 20161229

DOCDB simple family (application)
DE 102015211827 A 20150625; CN 201680031054 A 20160531; EP 16726858 A 20160531; EP 2016062290 W 20160531; JP 2017566107 A 20160531; US 201615738519 A 20160531