

Title (en)

NOVEL ROAD MARKINGS FOR ASSISTING THE PERCEPTION OF THE SURROUNDINGS OF VEHICLES

Title (de)

NEUARTIGE STRASSENMARKIERUNGEN ZUR UNTERSTÜTZUNG DER UMFELDWAHRNEHMUNG VON FAHRZEUGEN

Title (fr)

NOUVEAUX TYPES DE MARQUAGES ROUTIERS FAVORISANT LA PERCEPTION DE L'ENVIRONNEMENT DES VEHICULES

Publication

EP 2984141 A1 20160217 (DE)

Application

EP 14710247 A 20140313

Priority

- DE 102013206116 A 20130408
- EP 2014054975 W 20140313

Abstract (en)

[origin: WO2014166693A1] The invention relates to a novel concept for marking traffic lanes, particularly roads. These novel markings have applicability and lifespans that are comparable to the prior art. The markings also correspond, with regard to night visibility, length of time before they can be driven over and surface quality, to properties comparable to the prior art. However, in addition the markings of the present invention help contribute to the support of modern driver assistance systems and autonomous driving. The invention particularly relates to road markings that, building on established systems, are provided with an additional reflection capacity for electromagnetic radiation, particularly for microwave and/or infrared radiation.

IPC 8 full level

C09D 5/00 (2006.01); **C08K 3/00** (2006.01); **C09D 7/61** (2018.01)

CPC (source: EP US)

C09D 5/00 (2013.01 - US); **C09D 5/004** (2013.01 - EP US); **C09D 7/00** (2013.01 - US); **C09D 7/61** (2017.12 - EP US); **C09D 7/70** (2017.12 - EP US); **C09J 11/04** (2013.01 - US); **C08K 3/08** (2013.01 - US); **C08K 7/00** (2013.01 - US); **C08K 9/02** (2013.01 - EP US); **C08K 2003/0812** (2013.01 - EP US); **C08K 2003/0856** (2013.01 - EP US); **C08K 2003/0893** (2013.01 - EP US); **C08K 2003/2241** (2013.01 - EP); **C09J 2301/408** (2020.08 - US)

Citation (search report)

See references of WO 2014166693A1

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 102013206116 A1 20141009; CN 105143358 A 20151209; CN 105143358 B 20180316; EP 2984141 A1 20160217; HK 1213277 A1 20160630; JP 2016522338 A 20160728; JP 6320513 B2 20180509; KR 102296019 B1 20210901; KR 20150140284 A 20151215; US 2016017151 A1 20160121; WO 2014166693 A1 20141016

DOCDB simple family (application)

DE 102013206116 A 20130408; CN 201480018764 A 20140313; EP 14710247 A 20140313; EP 2014054975 W 20140313; HK 16101073 A 20160129; JP 2016506824 A 20140313; KR 20157027234 A 20140313; US 201414774054 A 20140313