

Title (en)

A SNOW TIRE HAVING A TREAD COMPRISING A RUBBER COMPOSITION

Title (de)

SCHNEEREIFEN MIT EINER LAUFFLÄCHE MIT EINER KAUTSCHUKZUSAMMENSETZUNG

Title (fr)

PNEU NEIGE AYANT UNE BANDE DE ROULEMENT COMPRENANT UNE COMPOSITION DE CAOUTCHOUC

Publication

EP 3234001 A4 20180530 (EN)

Application

EP 15870107 A 20151215

Priority

- JP 2014083634 W 20141215
- JP 2015085598 W 20151215

Abstract (en)

[origin: WO2016098908A1] A snow tire with an improved grip on snow ground includes a tread formed of a rubber composition. The rubber composition comprises at least, more than 50 and up to 100 phr of a first diene elastomer chosen from the group consisting of natural rubber, synthetic polyisoprenes, polybutadienes and the mixtures thereof, optionally, 0 to less than 50 phr of another diene elastomer, 40 to 200 phr of a reinforcing filler comprising an inorganic filler, a carbon black or the mixture thereof, wherein a content of the carbon black is less than 20 phr, more than 10 phr and less than 100 phr of a liquid phosphate plasticizer having a glass transition temperature less than -80°C.

IPC 8 full level

C08L 9/00 (2006.01); **B60C 1/00** (2006.01); **C08K 3/04** (2006.01); **C08K 3/36** (2006.01); **C08K 5/521** (2006.01); **C08L 7/00** (2006.01)

CPC (source: EP)

B60C 1/00 (2013.01); **B60C 1/0016** (2013.01); **C08K 3/36** (2013.01); **C08K 5/521** (2013.01); **C08K 5/548** (2013.01); **C08L 7/00** (2013.01); **C08L 9/00** (2013.01); **C08K 3/04** (2013.01); **C08K 5/0016** (2013.01)

Citation (search report)

- [X] US 2013267640 A1 20131010 - LOPEZ BEATRICE [FR], et al
- [X] WO 2012146611 A1 20121101 - MICHELIN & CIE [FR], et al
- [A] JP 2008274017 A 20081113 - YOKOHAMA RUBBER CO LTD
- [A] JP 2013023568 A 20130204 - SUMITOMO RUBBER IND
- See references of WO 2016098908A1

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

DOCDB simple family (publication)

WO 2016098908 A1 20160623; CA 2971124 A1 20160623; CA 2971124 C 20220927; CN 107001714 A 20170801; EP 3234001 A1 20171025; EP 3234001 A4 20180530; JP 2018505289 A 20180222; JP 6698261 B2 20200527

DOCDB simple family (application)

JP 2015085598 W 20151215; CA 2971124 A 20151215; CN 201580068564 A 20151215; EP 15870107 A 20151215; JP 2017549964 A 20151215