

Title (en)
PHENOL-CONTAINING HYDROGENATED NITRILE RUBBER

Title (de)
PHENOL-HALTIGE HYDRIERTE NITRILKAUTSCHUKE

Title (fr)
CAOUTCHOUCS NITRILES HYDROGÉNÉS CONTENANT DU PHÉNOL

Publication
EP 3090019 A1 20161109 (DE)

Application
EP 14828164 A 20141229

Priority

- EP 13199834 A 20131230
- EP 2014079370 W 20141229
- EP 14828164 A 20141229

Abstract (en)
[origin: WO2015101599A1] The invention relates to novel hydrogenated nitrile rubber which has a specific phenol content, to a method for the production thereof, vulcanisable mixtures based thereon and vulcanisates obtained therefrom. Said vulcanisates are characterized in that they have a particularly good module level and compression set value in addition to very good storage stability.

IPC 8 full level
C08L 9/02 (2006.01); **C08K 5/13** (2006.01); **C08L 15/00** (2006.01)

CPC (source: EP KR US)
C08C 2/02 (2013.01 - KR); **C08C 2/06** (2013.01 - KR); **C08C 19/02** (2013.01 - KR US); **C08J 3/24** (2013.01 - KR); **C08K 5/0025** (2013.01 - US); **C08K 5/13** (2013.01 - EP KR US); **C08L 9/02** (2013.01 - EP KR US); **C08L 15/005** (2013.01 - EP KR US)

C-Set (source: EP US)
1. **C08K 5/13 + C08L 9/02**
2. **C08K 5/13 + C08L 15/005**

Citation (search report)
See references of WO 2015101599A1

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)
WO 2015101599 A1 20150709; CN 105992797 A 20161005; CN 105992797 B 20181116; EP 3090019 A1 20161109; JP 2017504696 A 20170209; JP 2018145434 A 20180920; JP 6457538 B2 20190123; KR 102240055 B1 20210415; KR 20160105833 A 20160907; TW 201546096 A 20151216; TW I649335 B 20190201; US 2016376421 A1 20161229

DOCDB simple family (application)
EP 2014079370 W 20141229; CN 201480071961 A 20141229; EP 14828164 A 20141229; JP 2016543676 A 20141229; JP 2018079762 A 20180418; KR 20167020579 A 20141229; TW 103145634 A 20141226; US 201415108947 A 20141229