

Title (en)
POLYMERIC COMPOSITIONS COMPRISING POLYISOPRENE

Title (de)
POLYMERZUSAMMENSETZUNGEN MIT POLYISOPREN

Title (fr)
COMPOSITIONS POLYMÈRES COMPRENANT DU POLYISOPRÈNE

Publication
EP 3068833 A4 20170913 (EN)

Application
EP 14861918 A 20141114

Priority
• US 201361904267 P 20131114
• AU 2014001040 W 20141114

Abstract (en)
[origin: US2015128329A1] A glove, including a polymeric, elastomeric, or latex composition, having a water-based emulsion of a polyisoprene polymer; a first accelerator comprising at least one of a thiourea, a benzothiazole sulphenamide, a thiazole, or a dialkyl dithiocarbamate, or combinations thereof, a second accelerator comprising a thiuram or a xanthogen, or a combination thereof, at least one anti-oxidant, at least one vulcanizing agent; and an activator, wherein a total amount of the first accelerator and the second accelerator ranges from 0.2 to 2.5 PHR of the polymeric, elastomeric, or latex composition and the polymeric, elastomeric, or latex composition is substantially free of diphenyl guanidine and/or casein.

IPC 8 full level
C08L 9/00 (2006.01); **C08C 19/20** (2006.01); **C08J 3/03** (2006.01); **C08K 5/36** (2006.01); **C08K 5/58** (2006.01); **C08K 13/02** (2006.01); **C08L 15/00** (2006.01)

CPC (source: EP US)
A41D 19/0055 (2013.01 - US); **A41D 19/015** (2013.01 - US); **A41D 19/04** (2013.01 - US); **C08J 5/02** (2013.01 - EP US); **C08K 13/02** (2013.01 - EP US); **C08J 2309/02** (2013.01 - EP US)

Citation (search report)
• [XII] US 2003161975 A1 20030828 - LUCAS DAVID M [US], et al
• [XA] GB 1055442 A 19670118 - UNILEVER LTD
• [A] WO 2011090942 A1 20110728 - ALLEGIANCE CORP [US], et al
• [A] US 2012021155 A1 20120126 - CHEN SEONG FONG [MY], et al
• [A] US 2005065249 A1 20050324 - DZIKOWICZ ROBERT THOMAS [US]
• [A] US 7179866 B2 20070220 - KIMURA NORIHITO [JP], et al
• [A] US 4012332 A 19770315 - BEHRENS RUDOLF ADOLF
• See references of WO 2015070276A1

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)
US 2015128329 A1 20150514; AU 2014351059 A1 20160331; CN 105722908 A 20160629; EP 3068833 A1 20160921; EP 3068833 A4 20170913; WO 2015070276 A1 20150521

DOCDB simple family (application)
US 201414539354 A 20141112; AU 2014001040 W 20141114; AU 2014351059 A 20141114; CN 201480059749 A 20141114; EP 14861918 A 20141114