

Title (en)  
SURFACE PROTECTION COMPOSITION

Title (de)  
OBERFLÄCHENSCHUTZZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE PROTECTION DE SURFACE

Publication  
**EP 3423536 A4 20191016 (EN)**

Application  
**EP 16891932 A 20160229**

Priority  
CN 2016074802 W 20160229

Abstract (en)  
[origin: WO2017147739A1] A pharmaceutical composition is provided, whereby the composition comprises a polyurethane. Furthermore, a composition comprising a polyurethane for use as a pharmaceutical product is provided. A composition comprising a polyurethane for use in the protection of a surface against pollutants is provided. Further, a use of a composition comprising a polyurethane as protection of a surface against dust. A polyurethane composition for protecting a surface of a human or an animal against pollutants is provided. A multi-layer structure comprising at least two layers A) and B), wherein layer A) comprises a polyurethane, wherein layer B) is different from layer A) is provided. Also, a method for increasing the removability of a potential pollutant from a surface is provided as well as a film comprising polyurethane with various features is provided.

IPC 8 full level  
**C09D 175/04** (2006.01); **A61K 8/87** (2006.01); **A61Q 17/00** (2006.01); **C08G 18/08** (2006.01); **C08G 18/10** (2006.01); **C08G 18/12** (2006.01); **C08G 18/28** (2006.01); **C08G 18/32** (2006.01); **C08G 18/38** (2006.01); **C08G 18/40** (2006.01); **C08G 18/42** (2006.01); **C08G 18/44** (2006.01); **C08G 18/48** (2006.01); **C08G 18/66** (2006.01); **C08G 18/72** (2006.01); **C08G 18/73** (2006.01); **C08G 18/75** (2006.01); **C08J 5/18** (2006.01)

CPC (source: EP)  
**A61K 8/87** (2013.01); **A61Q 17/00** (2013.01); **C08G 18/0833** (2013.01); **C08G 18/10** (2013.01); **C08G 18/12** (2013.01); **C08G 18/283** (2013.01); **C08G 18/2835** (2013.01); **C08G 18/3228** (2013.01); **C08G 18/3234** (2013.01); **C08G 18/3857** (2013.01); **C08G 18/4018** (2013.01); **C08G 18/4238** (2013.01); **C08G 18/44** (2013.01); **C08G 18/4808** (2013.01); **C08G 18/4854** (2013.01); **C08G 18/6618** (2013.01); **C08G 18/6637** (2013.01); **C08G 18/667** (2013.01); **C08G 18/6685** (2013.01); **C08G 18/722** (2013.01); **C08G 18/73** (2013.01); **C08G 18/755** (2013.01); **C09D 175/04** (2013.01)

C-Set (source: EP)  
1. **C08G 18/12 + C08G 18/3228**  
2. **C08G 18/12 + C08G 18/3234**  
3. **C08G 18/12 + C08G 18/3857**  
4. **C08G 18/10 + C08G 18/3228**  
5. **C08G 18/10 + C08G 18/3857**

Citation (search report)  
• [XII] US 2009081137 A1 20090326 - NGUYEN KIM SON [DE], et al  
• [X] WO 2012084340 A2 20120628 - HENKEL AG & CO KGAA [DE], et al  
• [XII] US 6277386 B1 20010821 - KIM SON NGUYEN [DE], et al  
• [XII] US 2007283977 A1 20071213 - MOUGIN NATHALIE [FR], et al  
• [X] US 2012308496 A1 20121206 - VIALA SOPHIE [DE], et al

Citation (examination)  
• US 2011160310 A1 20110630 - KOECHER JUERGEN [DE], et al  
• US 2009253848 A1 20091008 - KOECHER JUERGEN [DE], et al  
• See also references of WO 2017147739A1

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 2017147739 A1 20170908**; CN 108699385 A 20181023; EP 3423536 A1 20190109; EP 3423536 A4 20191016

DOCDB simple family (application)  
**CN 2016074802 W 20160229**; CN 201680082839 A 20160229; EP 16891932 A 20160229