

Title (en)  
POLYURETHANE ADHESIVES FOR REVERSE OSMOSIS MODULES

Title (de)  
POLYURETHANHAFTSTOFFE FÜR UMKEHROSMOSEMODULE

Title (fr)  
ADHÉSIFS DE POLYURÉTHANE POUR MODULES D'OSMOSE INVERSE

Publication  
**EP 3116929 A1 20170118 (EN)**

Application  
**EP 15712752 A 20150311**

Priority  
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• US 2015019882 W 20150311

Abstract (en)  
[origin: WO2015138561A1] An adhesive composition suitable for reverse osmosis modules, the adhesive composition includes (I) a polyurethane composition that includes (A) an isocyanate group-containing pre-polymer comprising a reaction product of (i) castor oil or a derivative thereof; and (ii) a polyisocyanate; and (iii) optionally a second polyol; and (B) an isocyanate-reactive polyol mixture comprising: (i) a polybutadiene polyol; and (ii) a urethane catalyst; and (iii) optionally the second polyol; and (II) a plasticizer wherein the adhesive composition is essentially free from diluent oils and solvents.

IPC 8 full level  
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CPC (source: EP)  
**C08G 18/10** (2013.01); **C08G 18/22** (2013.01); **C08G 18/36** (2013.01); **C08G 18/69** (2013.01); **C08G 18/76** (2013.01); **C09J 175/04** (2013.01); **Y02A 20/131** (2018.01)

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