

Title (en)
CURE-ON-DEMAND MOISTURE-CURABLE URETHANE-CONTAINING FUEL RESISTANT PREPOLYMERS AND COMPOSITIONS THEREOF

Title (de)
BEDARFSHÄRTENDE FEUCHTIGKEITSHÄRTENDE URETHANHALTIGE KRAFTSTOFFRESISTENTE PREPOLYMERE UND ZUSAMMENSETZUNGEN DAVON

Title (fr)
PRÉPOLYMÈRES RÉSTANT AUX COMBUSTIBLES CONTENANT DES URÉTHANNES DURCISSABLES À L'HUMIDITÉ ET SUR DEMANDE, ET LEURS COMPOSITIONS

Publication
EP 3387036 A1 20181017 (EN)

Application
EP 16820085 A 20161208

Priority
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• US 2016065637 W 20161208

Abstract (en)
[origin: WO2017100459A1] Cure-on-demand, moisture-curable, urethane-containing prepolymers having urethanes incorporated into a sulfur-containing prepolymer backbone and compositions thereof for use in sealant applications are disclosed. The cure-on-demand moisture-curable urethane-containing prepolymers are terminated with polyalkoxysilyl groups. The compositions contain a controlled-release moisture cure catalyst. Compositions containing the prepolymers provide cured sealants exhibiting improved tensile strength.

IPC 8 full level
C08G 18/75 (2006.01); **C08G 18/10** (2006.01); **C08G 18/12** (2006.01); **C08G 18/28** (2006.01); **C08G 18/38** (2006.01); **C08G 18/50** (2006.01); **C08G 18/52** (2006.01); **C08G 75/045** (2016.01); **C08K 9/10** (2006.01); **C08L 75/00** (2006.01); **C08L 81/02** (2006.01); **C08L 101/10** (2006.01)

CPC (source: EP)
C08G 18/10 (2013.01); **C08G 18/12** (2013.01); **C08G 18/289** (2013.01); **C08G 18/3868** (2013.01); **C08G 18/5072** (2013.01); **C08G 18/52** (2013.01); **C08G 18/758** (2013.01); **C08G 75/045** (2013.01); **C08L 75/00** (2013.01); **C08L 81/02** (2013.01); **C08L 101/10** (2013.01); **C08G 2190/00** (2013.01)

C-Set (source: EP)
1. **C08G 18/12 + C08G 18/307**
2. **C08G 18/10 + C08G 18/289**
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4. **C08L 101/10 + C08K 9/10**
5. **C08L 81/02 + C08K 9/10**

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