

Title (en)  
WATER-REPELLENT EFFECTS ON TEXTILE SURFACES

Title (de)  
WASSERABWEISENDE EFFEKTE AUF TEXTILEN OBERFLÄCHEN

Title (fr)  
EFFETS HYDROFUGES SUR DES SURFACES TEXTILES

Publication  
**EP 2997091 A1 20160323 (DE)**

Application  
**EP 14724696 A 20140509**

Priority  
• DE 102013209170 A 20130517  
• EP 2014059517 W 20140509

Abstract (en)  
[origin: DE102013209170A1] Composition comprises (a) 1-50 wt.% silicone polymer, (b) 1-50 wt.% wax and/or fatty acid esters, (c) 0-50 wt.% aminoplast, urea derivatives and/or melamine derivatives, (d) 0-98 wt.% solvent, (e) 0-50 wt.% crosslinking agent, and (f) 0-5 wt.% dispersing auxiliaries. Independent claims are also included for: (1) preparing the above composition, comprising providing the component (a), the component (b) and the melamine derivatives optionally with the component (f) and heating to melt, adding the component (d) using additional auxiliaries, and homogenizing using mechanical energy; (2) applying the above composition on textile surfaces by textile engineering processes, preferably exhaust process or by forced application e.g. coating, padding, printing, spraying, single-thread application and/or dyeing; and (3) textiles containing fibers, which is applied with the above composition.

IPC 8 full level  
**C08L 83/04** (2006.01); **C08L 91/06** (2006.01); **C09D 183/04** (2006.01); **C09D 183/08** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP)  
**C08J 3/03** (2013.01); **C08J 3/24** (2013.01); **C08K 5/10** (2013.01); **C08K 5/101** (2013.01); **C08K 5/21** (2013.01); **C08K 5/3492** (2013.01); **C08K 5/34922** (2013.01); **C08L 83/04** (2013.01); **C08L 91/06** (2013.01); **C09D 183/04** (2013.01); **C09D 183/08** (2013.01); **C09D 191/06** (2013.01); **D06M 13/02** (2013.01); **D06M 13/2246** (2013.01); **D06M 13/325** (2013.01); **D06M 15/423** (2013.01); **D06M 15/643** (2013.01); **C08G 77/26** (2013.01); **D06M 2200/12** (2013.01)

Citation (search report)  
See references of WO 2014184097A1

Cited by  
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Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102013209170 A1 20130912**; EP 2997091 A1 20160323; WO 2014184097 A1 20141120

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**DE 102013209170 A 20130517**; EP 14724696 A 20140509; EP 2014059517 W 20140509