

Title (en)  
WATER-BASED COATING COMPOSITION

Title (de)  
WASSERBASIERTE BESCHICHTUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE COUCHAGE À BASE AQUEUSE

Publication  
**EP 3058033 A1 20160824 (EN)**

Application  
**EP 14783837 A 20141013**

Priority  
• EP 13188561 A 20131014  
• EP 2014071841 W 20141013  
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Abstract (en)  
[origin: EP2860227A1] The present invention relates to an aqueous coating composition comprising synthetic polymers and inorganic fillers for coating and/or impregnating paper and nonwoven fabrics in general, in particular wallpapers as well as the use of such compositions. The coating composition comprises 20 to 80 wt.-%, preferably 35 to 55 wt.-%, of an aqueous dispersion of one or more synthetic polymers; and 20 to 70 wt.-%, preferably 35 to 55 wt.-%, of an inorganic filler, wherein the particle size d50 of the synthetic polymer particles in the dispersion is  $\geq 2 \mu\text{m}$  and the ratio of the particle size d50 of the synthetic polymer particles and the particle size d50 of the inorganic filler particles is in the range of 2:1 to 1:1.

IPC 8 full level  
**C09D 5/02** (2006.01); **C09D 7/12** (2006.01); **C09D 131/04** (2006.01)

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