

Title (en)  
PAINTS CONTAINING PARTICLES

Title (de)  
LACKE ENTHALTEND PARTIKEL

Title (fr)  
PEINTURE CONTENANT DES PARTICULES

Publication  
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Application  
**EP 06762278 A 20060629**

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Abstract (en)  
[origin: WO2007009569A2] The invention relates to coatings (B), produced from coating formulations (B1), containing a) a paint resin (L) with reactive groups, b) a paint hardener (H) with reactive groups by means of which the paint hardener can react with the reactive groups of the paint resin (L), c) particles (P) and d) optionally solvent, wherein a) the hardened coating (B) aa) on the surface thereof or ab) in the layers adjacent to the surface which when measured from the surface are 1000 nm thick or ac) both on the surface and in the layers adjacent to the surface which when measured from the surface are 1000 nm thick has an increased concentration of particles (P) than in the interior thereof and wherein b) the particles (P) may be obtained by a reaction of colloidal metal or silicon oxide sols (P1) with organosilanes (A), selected from general formulae (I) and (II), where  $R^{1</sup>1</sup>}$ ,  $R^{2</sup>2</sup>}$ ,  $R^{4</sup>4</sup>}$ , A, X, Y, m, n and q have the meanings given in claim 1.

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